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Dean JB, Lawing WL, Millhorn DE: CO_2 decreases membrane conductance and depolarizes neurons in the nucleus tractus solitarii **76** 656 (1989)
Dean P → Keay KA
Dean P → Mitchell IJ
Dean P → Redgrave P
Deat A → Pedotti A
Debu B → Hansen PD
Debu B → Keshner EA
Deecke L → Lang W
DeFelipe J, Jones EG: A light and electron microscopic study of serotonin-immunoreactive fibers and terminals in the monkey sensory-motor cortex **71** 171 (1988)
Deiber MP → Ibañez V
Deich JD → Bermejo R
Delgado-Garcia JM → Escudero M
Deliagina TG → Arshavsky YI
Demairé C, Honoré J, Le Bizec J, Coquery JM: Specific modulation of the Hoffmann reflex cutaneous facilitation during a reaction-time task **74** 592 (1989)
Demêmes D → Touati J
Denier van der Gon JJ → Asten WNJC van
Denier van der Gon JJ → Jongen HAH
Denier van der Gon JJ → Sonderen JF van
Denier van der Gon JJ → Tax AAM
Denise P, Darlot C, Droulez J, Cohen B, Berthoz A: Motion perceptions induced by off-vertical axis rotation (OVAR) at small angles of tilt **73** 106 (1988)
Denise P → Darlot C
Deyo RA → Jonge MC de
Di Fabio RP, Badke MB, McEvoy A, Breunig A: Influence of local sensory afference in the calibration of human balance responses **80** 591 (1990)
Di Francesco G → Schieppati M
Diamond A, Goldman-Rakic PS: Comparison of human infants and rhesus monkeys on Piaget's $A\overline{B}$ task: evidence for dependence on dorsolateral prefrontal cortex **74** 24 (1989)
Diana M, Garcia-Munoz M, Richards J, Freed CR: Electrophysiological analysis of dopamine cells from the substantia nigra pars compacta of circling rats **74** 625 (1989)
Diana M → Ryan LJ
Diao Y-c, Jia W-g, Swindale NV, Cynader MS: Functional organization of the cortical 17/18 border region in the cat **79** 271 (1990)
Diemer NH → Tønder N
Diener HC → Ivry RB
Dieringer N → Knöpfel T
Dietz V, Faist M, Pierrot-Deseilligny E: Amplitude modulation of the quadriceps H-reflex in the human during the early stance phase of gait **79** 221 (1990)
Dietz V, Horstmann GA, Berger W: Fast head tilt has only a minor effect on quick compensatory reactions during the regulation of stance and gait **73** 470 (1988)
Dinopoulos A, Eadie LA, Dori I, Parnavelas JG: The development of basal forebrain projections to the rat visual cortex **76** 563 (1989)
Disterhoft JF → Jonge MC de
Dixon J → Seroogy K
DiZio P, Lackner JR: Sensory-motor factors triggering the suppression of postrotary vestibular responses in different gravitoinertial force backgrounds **80** 345 (1990)
Do MC, Bussel B, Breniere Y: Influence of plantar cutaneous afferents on early compensatory reactions to forward fall **79** 319 (1990)
Domann R, Dorn T, Witte OW: Calcium-dependent potassium current following penicillin-induced epileptiform discharges in the hippocampal slice **78** 646 (1989)
Domenici L → Berardi N
Domenici L → Gravina A
Donicht M → Krüger K
Donoghue JP, Suner S, Sanes JN: Dynamic organization of primary motor cortex output to target muscles in adult rats. II. Rapid reorganization following motor nerve lesions **79** 492 (1990)
Donoghue JP → Sanes JN
Dörfl J → Welker E
Dori I, Parnavelas JG: The cholinergic innervation of the rat cerebral cortex shows two distinct phases in development **76** 417 (1989)
Dori I → Dinopoulos A
Dormont JF, Farin D, Schmied A, Amalric M: Cat red nucleus activity preceding movement depends on initiation conditions **77** 271 (1989)
Dorn T → Domann R
Doucet G, Brundin P, Seth S, Murata Y, Strecker RE, Triarhou LC, Ghetti B, Björklund A: Degeneration and graft-induced restoration of dopamine innervation in the weaver mouse neostriatum: a quantitative radioautographic study of [^{3}H]dopamine uptake **77** 552 (1989)
Doucet G → Triarhou LC
Doudet DJ, Gross C, Arluison M, Bioulac B: Modifications of precentral cortex discharge and EMG activity in monkeys with MPTP-induced lesions of DA nigral neurons **80** 177 (1990)
Doudet DJ, Miyake H, Finn RT, McLellan CA, Aigner TG, Wan RQ, Adams HR, Cohen RM: 6-^{18}F-L-DOPA imaging of the dopamine neostriatal system in normal and clinically normal MPTP-treated rhesus monkeys **78** 69 (1989)
Dow BM → Bauer R
Dow BM → Erickson RG
Dow RS → Macpherson JM
Downey ED → Abrahams VC
Drejer J → Bouchelouche P
Dreosti IE → Mackay-Sim A
Drescher S → Moser A
Droulez J → Darlot C
Droulez J → Denise P
Dufossé M → Birjukova EV
Dufossé M → Paulignan Y
Duggan AW, Morton CR, Hutchison WD, Hendry IA: Absence of tonic supraspinal control of substance P release in the substantia gelatinosa of the anaesthetized cat **71** 597 (1988)
Dunbar DC → Macpherson JM
Duncan GH → Bushnell MC
Dunnett SB, Hernandez TD, Summerfield A, Jones GH, Arbuthnott G: Graft-derived recovery from 6-OHDA lesions: specificity of ventral mesencephalic graft tissues **71** 411 (1988)
Dunnett SB, Rogers DC, Richards S-J: Nigrostriatal recontruction after 6-OHDA lesions in rats: combination of dopamine-rich nigral grafts and nigrostriatal "bridge" grafts **75** 523 (1989)
Dunnett SB → Brown VJ
Dunnett SB → Rogers DC
Durand J: Electrophysiological and morphological properties of rat abducens motoneurones **76** 141 (1989)
Durkovic RG → Hoover JE
Dutar P, Rascol O, Lamour Y: Rhythmical bursting activity and GABAergic mechanisms in the medial septum of normal and pertussis toxin-pretreated rats **77** 374 (1989)
Dutka AJ → Gilman SC

E

Eacott MJ, Gaffan D: Interhemispheric transfer of visual learning in monkeys with intact optic chiasm **74** 348 (1989)
Eadie LA → Dinopoulos A
Eaton SA → Salt TE
Ebadi M → Paliwal VK
Ebendal T → Eriksdotter-Nilsson M
Eckland DJA, Biswas S, Lightman SL: Hypothalamo-hypophyseal portal blood sampling from laboratory rats: the effects of endocrine manipulations on portal blood catecholamine concentrations **72** 640 (1988)
Eijkman EGJ → Gerrits HJM
Eisenberg HM → Papanicolaou AC
Ekerot C-F: The lateral reticular nucleus in the cat. VI. Excitatory and inhibitory afferent paths **79** 109 (1990)
Ekerot C-F: The lateral reticular nucleus in the cat. VII. Excitatory and inhibitory projection from the ipsilateral forelimb tract (iF tract) **79** 120 (1990)
Ekerot C-F: The lateral reticular nucleus in the cat. VIII. Excitatory and inhibitory projection from the bilateral ventral flexor reflex tract (bVFRT) **79** 129 (1990)
El Ganouni S → Forni C
El Mansari M, Sakai K, Jouvet M: Unitary characteristics of presumptive cholinergic tegmental neurons during the sleep-waking cycle in freely moving cats **76** 519 (1989)
El-Beheiry H, Puil E: Anaesthetic depression of excitatory synaptic transmission in neocortex **77** 87 (1989)
El-Beheiry H, Puil E: Postsynaptic depression induced by isoflurane and Althesin in neocortical neurons **75** 361 (1989)

Elberger AJ: Binocularity and single cell acuity are related in striate cortex of corpus callosum sectioned and normal cats **77** 213 (1989)
Ellard CG, Goodale MA: A functional analysis of the collicular output pathways: a dissociation of deficits following lesions of the dorsal tegmental decussation and the ipsilateral collicular efferent bundle in the Mon¸olian gerbil **71** 307 (1988)
Ellaway PH → Davey NJ
Ellenbroek BA, Van den Hoven J, Cools AR: The nucleus accumbens and forelimb muscular rigidity in rats **72** 299 (1988)
Elliott PJ: Place aversion induced by the substance P analogue, dimethyl-C7, is not state dependent: implication of substance P in aversion **73** 354 (1988)
Emson PC, Shoham S, Feler C, Buss T, Price J, Wilson CJ: The use of a retroviral vector to identify foetal striatal neurones transplanted into the adult striatum **79** 427 (1990)
Emson PC → Hendry SHC
Emson PC → Seroogy K
Emson PC → Seto-Ohshima A
Emson PC → Yamano M
Enevoldson TP, Gordon G: Postsynaptic dorsal column neurons in the cat: a study with retrograde transport of horseradish peroxidase **75** 611 (1989)
Enevoldson TP, Gordon G: Spinocervical neurons and dorsal horn neurons projecting to the dorsal column nuclei through the dorsolateral fascicle: a retrograde HRP study in the cat **75** 621 (1989)
Engelage J, Bischof H-J: Flash evoked potentials in the ectostriatum of the zebra finch: a current source-density analysis **74** 563 (1989)
Engvall E → Gage FH
Epema AH, Gerrits NM, Voogd J: Commissural and intrinsic connections of the vestibular nuclei in the rabbit: a retrograde labeling study **71** 129 (1988)
Epema AH, Gerrits NM, Voogd J: Secondary vestibulocerebellar projections to the flocculus and uvulo-nodular lobule of the rabbit: a study using HRP and double fluorescent tracer techniques **80** 72 (1990)
Erickson RG, Dow BM: Foveal tracking cells in the superior temporal sulcus of the macaque monkey **78** 113 (1989)
Erickson RG, Dow BM, Snyder AZ: Representation of the fovea in the superior temporal sulcus of the macaque monkey **78** 90 (1989)
Ericsson M → Brodin L
Eriksdotter-Nilsson M, Skirboll S, Ebendal T, Hersh L, Grassi J, Massoulié J, Olson L: NGF treatment promotes development of basal forebrain tissue grafts in the anterior chamber of the eye **74** 89 (1989)
Erning LJTO van → Gerrits HJM
Esclapez M, Trottier S: Changes in GABA-immunoreactive cell density during motor focal epilepsy induced by cobalt in the rat **76** 369 (1989)
Escobar del Rey F → Ruiz-Marcos A
Escudero M, Delgado-Garcia JM: Behavior of reticular, vestibular and prepositus neurons terminating in the abducens nucleus of the alert cat **71** 218 (1988)
Evinger C, Sibony PA, Manning KA, Fiero RA: A pharmacological distinction between the long and short latency pathways of the human blink reflex revealed with tobacco **73** 477 (1988)
Eysel UT, Crook JM, Machemer HF: GABA-induced remote inactivation reveals cross-orientation inhibition in the cat striate cortex **80** 626 (1990)
Eysel UT → Wörgötter F
Eysel U → Gulyás B
Ezure K, Manabe M: Decrementing expiratory neurons of the Bötzinger complex. II. Direct inhibitory synaptic linkage with ventral respiratory group neurons **72** 159 (1988)
Ezure K, Manabe M: Monosynaptic excitation of medullary inspiratory neurons by bulbospinal inspiratory neurons of the ventral respiratory group in the cat **74** 501 (1989)
Ezure K → Manabe M
Ezure K → Otake K

F

Faber J-T de → Crawford MLJ
Fabri M → Manzoni T
Fagg GE → Mondadori C
Fagni L → Tell F
Fahrbach SE, Morrell JI, Pfaff DW: Studies of ventromedial hypothalamic afferents in the rat using three methods of HRP application **77** 221 (1989)
Fahrenkrug J → Seroogy K
Faist M → Dietz V
Farin D → Dormont JF
Fass B → Vertes RP
Faugier-Grimaud S → Ventre J
Favale E → Reni L
Favilla M, Gordon J, Hening W, Ghez C: Trajectory control in targeted force impulses. VII. Independent setting of amplitude and direction in response preparation **79** 530 (1990)
Favilla M, Hening W, Ghez C: Trajectory control in targeted force impulses. VI. Independent specification of response amplitude and direction **75** 280 (1989)
Favilla M → Hening W
Feldman D, Sherin JE, Press W, Bear MF: N-methyl-D-aspartate-evoked calcium uptake by kitten visual cortex maintained in vitro **80** 252 (1990)
Feldman S → Saphier D
Feldon J → Coffey PJ
Feldon J → Rawlins JNP
Feler C → Emson PC
Fellows SJ, Thilmann AF: The role of joint biomechanics in determining stretch reflex latency at the normal human ankle **77** 135 (1989)
Femano PA → Cottingham SL
Ferdico M → Piazza PV
Ferencsik M, Garay K, Mihály A, Csillik B: Cobalt-complex ATP enhanced regeneration in the dorsal horn of the rat spinal cord **76** 409 (1989)
Ferguson JL → Mickley GA
Fernandez C → Perségol L
Fernandez de Molina A → Velasco JM
Fetter M, Buettner UW: Stimulus characteristics influence the gain of smooth pursuit eye movements in normal subjects **79** 388 (1990)
Fibiger HC → Szostak C
Fiero RA → Evinger C
Filer D → Seroogy K
Finn RT → Doudet DJ
Fiorani Jr. M → Rosa MGP
Fiorentini A → Maffei L
Fischer B, Weber H: Significance of attentive fixation for the selection of saccade targets in different parts of the visual field of the rhesus monkey **73** 577 (1988)
Fischer JA → Freedman J
Fischer T, Zippel HP: The effects of cryogenic blockade of the centrifugal, bulbopetal pathways on the dynamic and static response characteristics of goldfish olfactory bulb mitral cells **75** 390 (1989)
Fisk JD, Goodale MA: The effects of unilateral brain damage on visually guided reaching: hemispheric differences in the nature of the deficit **72** 425 (1988)
Flandrin JM → Hein A
Fleshman JW → Schmidt BJ
Flügge G, Schniewind A, Fuchs E: The corticosterone receptive system in the brain of *Tupaia belangeri* visualized by in vivo autoradiography **72** 417 (1988)
Flugsrud G → Heggelund P
Foerster AP: Recovery from conduction failure in optic axons spared by lesions in the rat **79** 564 (1990)
Fogassi L → Gentilucci M
Fogassi L → Rizzolatti G
Fonnum F → Myhrer T
Forget R, Hultborn H, Meunier S, Pantieri R, Pierrot-Deseilligny E: Facilitation of quadriceps motoneurones by group I afferents from pretibial flexors in man. 2. Changes occurring during voluntary contraction **78** 21 (1989)
Forget R, Pantieri R, Pierrot-Deseilligny E, Shindo M, Tanaka R: Facilitation of quadriceps motoneurones by group I afferents from pretibial flexors in man. 1. Possible interneuronal pathway **78** 10 (1989)
Forni C, Brundin P, Strecker RE, El Ganouni S, Björklund A, Nieoullon A: Timecourse of recovery of dopamine neuron activity during reinnervation of the denervated striatum by fetal mesencephalic grafts as assessed by in vivo voltammetry **76** 75 (1989)
Fortier P → Shefchyk S
Fox SE: Membrane potential and impedance changes in hippocampal pyramidal cells during theta rhythm **77** 283 (1989)
Fox SE → Stewart M
Franca JG → Volchan E
Franchi G → Guandalini P
Frandsen A → Bouchelouche P
Frankfurt M, Beaudet A: Reinnervation of

dopamine neurons by regenerating serotonin axons in the rat medial zona incerta: a combined radioautographic and immunocytochemical ultrastructural study **72** 473 (1988)
Franzini C → Lenzi P
Frascella J → Walker JM
Fredens K → Wallace MN
Freed CR: Electrophysiological analysis of dopamine cells from the substantia nigra pars compacta of circling rats **74** 625 (1989)
Freed CR → Diana M
Freed WJ → Poltorak M
Freedman J, Hökfelt T, Post C, Brodin E, Sundström E, Jonsson G, Terenius L, Leander S, Fischer JA, Verhofstad A: Immunohistochemical and behavioral analysis of spinal lesions induced by a substance P antagonist and protection by thyrotropin releasing hormone **74** 279 (1989)
Freeman RD → Ramoa AS
Freund H-J → Kunesch E
Freund TF → Buzsáki G
Friauf E, Ostwald J: Divergent projections of physiologically characterized rat ventral cochlear nucleus neurons as shown by intra-axonal injection of horseradish peroxidase **73** 263 (1988)
Friedlander MJ → Sherman SM
Frigo C → Pedotti A
Frolov AA → Birjukova EV
Fronius M → Sireteanu R
Frost BJ → Telford L
Frost DO, Moy YP: Effects of dark rearing on the development of visual callosal connections **78** 203 (1989)
Frotscher M: Mossy fiber synapses on glutamate decarboxylase-immuno-reactive neurons: evidence for feed-forward inhibition in the CA3 region of the hippocampus **75** 441 (1989)
Frotscher M, Misgeld U: Characterization of input synapses on intracellularly stained neurons in hippocampal slices: an HRP/EM study **75** 327 (1989)
Frotscher M → Seress L
Fuchs E → Flügge G
Fukuda Y → Morigiwa K
Fukushima J → Fukushima K
Fukushima K, Fukushima J, Harada C, Ohashi T, Kase M: Neuronal activity related to vertical eye movement in the region of the interstitial nucleus of Cajal in alert cats **79** 43 (1990)
Fukushima K, Harada C, Fukushima J, Suzuki Y: Spatial properties of vertical eye movement-related neurons in the region of the interstitial nucleus of Cajal in awake cats **79** 25 (1990)
Fulstone A → Bekoff A
Funaki H → Shimada S
Funke K: Somatosensory areas in the telencephalon of the pigeon. I. Response characteristics **76** 603 (1989)
Funke K: Somatosensory areas in the telencephalon of the pigeon. II. Spinal pathways and afferent connections **76** 620 (1989)
Furrer R → Ockels WJ
Furuya S → Nakayama T
Fuster JM → Koch KW
Fuxe K → Ceccatelli S

G

Gabor AJ → Scobey RP
Gabriel M, Sparenborg S, Kubota Y: Anterior and medial thalamic lesions, discriminative avoidance learning, and cingulate cortical neuronal activity in rabbits **76** 441 (1989)
Gaffan D, Harrison S: Place memory and scene memory: effects of fornix transection in the monkey **74** 202 (1989)
Gaffan D → Eacott MJ
Gaffan D → Markowska AL
Gaffan D → Murray EA
Gaffan D → Ungerleider LG
Gage FH, Blaker SN, Davis GE, Engvall E, Varon S, Manthorpe M: Human amnion membrane matrix as a substratum for axonal regeneration in the central nervous system **72** 371 (1988)
Gage FH → Buzsáki G
Galarraga E, Bargas J, Sierra A, Aceves J: The role of calcium in the repetitive firing of neostriatal neurons **75** 157 (1989)
Galarraga E → Bargas J
Galli L, Chalupa L, Maffei L, Bisti S: The organization of receptive fields in area 18 neurones of the cat varies with the spatio-temporal characteristics of the visual stimulus **71** 1 (1988)
Galli L, Rao K, Lund RD: Transplanted rat retinae do not project in a topographic fashion on the host tectum **74** 427 (1989)
Galli L → Gravina A
Gandevia SC → Applegate C
Gandevia SC → Plassman BL
Garay K → Ferencsik M
Garcia-Munoz M → Diana M
García García A → Ruiz-Marcos A
Garey LJ → Leuba G
Garwicz M → Andersson G
Gary-Bobo E → Buisseret P
Gary-Bobo E → Milleret C
Gash DM → Notter MFD
Gattass R → Rosa MGP
Gauthier GM, Mussa Ivaldi F: Oculo-manual tracking of visual targets in monkey: role of the arm afferent information in the control of arm and eye movements **73** 138 (1988)
Gauthier GM, Vercher J-L, Mussa Ivaldi F, Marchetti E: Oculo-manual tracking of visual targets: control learning, coordination control and coordination model **73** 127 (1988)
Gauthier GM → Vercher J-L
Gautron M → Kayser V
Gawryszewski G → Volchan E
Gentile AM → Kaminski TR
Gentilucci M, Fogassi L, Luppino G, Matelli M, Camarda R, Rizzolatti G: Functional organization of inferior area 6 in the macaque monkey. I. Somatotopy and the control of proximal movements **71** 475 (1988)
Gentilucci M → Rizzolatti G
Georgopoulos AP, Crutcher MD, Schwartz AB: Cognitive spatial-motor processes. 3. Motor cortical prediction of movement direction during an instructed delay period **75** 183 (1989)
Gerilovsky L, Tsvetinov P, Trenkova G: Peripheral effects on the amplitude of monopolar and bipolar H-reflex potentials from the soleus muscle **76** 173 (1989)
Gerrits HJM, Erning LJTO van, Eijkman EGJ: Afterimages: a collective term for percepts of different origin **72** 279 (1988)
Gerrits NM → Epema AH
Gharib A → Cespuglio R
Ghetti B → Chang AC
Ghetti B → Doucet G
Ghetti B → Triarhou LC
Ghez C → Favilla M
Ghez C → Hening W
Ghosh S → Waldron JNB
Giaschi D → Howard IP
Giaume C → Peusner KD
Gielen CCAM, Asten WNJC van: Postural responses to simulated moving environments are not invariant for the direction of gaze **79** 167 (1990)
Gielen CCAM → Asten WNJC van
Gielen CCAM → Jongen HAH
Gielen CCAM → Sonderen JF van
Gielen CCAM → Tax AAM
Gilbert DB → Patterson TA
Gillard-Crewther S, Crewther DP: Neural site of strabismic amblyopia in cats: X-cell acuities in the LGN **72** 503 (1988)
Gilman SC, Colton JS, Dutka AJ: Alterations in brain monoamine neurotransmitter release at high pressure **78** 179 (1989)
Gilmore SA → Sims TJ
Girgis S → Yamano M
Gisbergen JAM van → Opstal AJ van
Giuffrida R, Rustioni A: Glutamate and aspartate immunoreactivity in cortico-cortical neurons of the sensorimotor cortex of rats **74** 41 (1989)
Glaser EM → McMullen NT
Gleiser L → Volchan E
Godaux E, Cheron G, Gravis F: Eye movements evoked by microstimulations in the brainstem of the alert cat **77** 94 (1989)
Goldberger ME: Partial and complete deafferentation of cat hindlimb: the contribution of behavioral substitution to recovery of motor function **73** 343 (1988)
Goldberger ME: Spared-root deafferentation of a cat's hindlimb: hierarchical regulation of pathways mediating recovery of motor behavior **73** 329 (1988)
Goldman-Rakic PS → Diamond A
Goldstein M → Ceccatelli S
Goldstein M → Seroogy K
Gollvik L, Örnung G, Kellerth J-O, Ulfhake B: Anatomy of soleus α-motoneurone dendrites in normal cats and in cats subjected to chronic postnatal tenotomy or overload of the soleus muscle **80** 34 (1990)
Gonzalo-Ruiz A, Leichnetz GR: Afferents of the caudal fastigial nucleus in a New World monkey (*Cebus apella*) **80** 600 (1990)
Goodale MA → Ellard CG

Goodale MA → Fisk JD
Goodale MA → Jakobson LS
Goodwin AW, John KT, Darian-Smith I: Skin profiles during sinusoidal vibration of the fingerpad **77** 79 (1989)
Goodwin AW → John KT
Gordon B → Allen EE
Gordon G → Enevoldson TP
Gordon J → Favilla M
Gorska T → Alstermark B
Goto S, Hirano A: Calcineurin in the postnatal striatum of the rat: an immunohistochemical study **77** 442 (1989)
Gottlieb GL, Corcos DM, Jaric S, Agarwal GC: Practice improves even the simplest movements **73** 436 (1988)
Gottlieb Y, Vaadia E, Abeles M: Single unit activity in the auditory cortex of a monkey performing a short term memory task **74** 139 (1989)
Gracco VL, Abbs JH: Central patterning of speech movements **71** 515 (1988)
Gracco VL, Abbs JH: Sensorimotor characteristics of speech motor sequences **75** 586 (1989)
Gracey A, Scholfield CN: Studies on unmyelinated axons and varicosities in the olfactory cortex **80** 436 (1990)
Gracia-Munoz M → Rutherford A
Graf W → De Waele C
Grant G, Xu Q: Routes of entry into the cerebellum of spinocerebellar axons from the lower part of the spinal cord. An experimental anatomical study in the cat **72** 543 (1988)
Grant G → Xu Q
Grant S, Keating MJ: Changing patterns of binocular visual connections in the intertectal system during development of the frog, *Xenopus laevis*. I. Normal maturational changes in response to changing binocular geometry **75** 99 (1989)
Grant S, Keating MJ: Changing patterns of binocular visual connections in the intertectal system during development of the frog, *Xenopus laevis*. II. Abnormalities following early visual deprivation **75** 117 (1989)
Grassi J → Eriksdotter-Nilsson M
Gravina A, Domenici L, Berardi N, Galli L, Maffei L: Transplant of embryonal nervous tissue preserves the responses of rat retinal ganglion cells after section of the optic nerve **80** 631 (1990)
Gravina A → Berardi N
Gravis F → Godaux E
Gray CM, Skinner JE: Field potential response changes in the rabbit olfactory bulb accompany behavioral habituation during the repeated presentation of unreinforced odors **73** 189 (1988)
Gray JA → Coffey PJ
Gray JA → Sinden JD
Graybiel AM → Jimenez-Castellanos J
Greenfield SA → Harris NC
Greenfield SA → Kapoor R
Greengard P → Gustafson EL
Gregory JE, Proske U: The responses of muscle spindles in the kitten to stretch and vibration **73** 606 (1988)
Gregory JE → Thompson S
Grélot L, Barillot JC, Bianchi AL: Central distributions of the efferent and afferent components of the pharyngeal branches of the vagus and glossopharyngeal nerves: an HRP study in the cat **78** 327 (1989)
Grélot L, Barillot JC, Bianchi AL: Pharyngeal motoneurones: respiratory-related activity and responses to laryngeal afferents in the decerebrate cat **78** 336 (1989)
Gresty MA → Bronstein AM
Grillner S → Brodin L
Grobstein P → Masino T
Gross C → Doudet DJ
Grossman GE → Leigh RJ
Groves PM → Ryan LJ
Grüsser O-J → Bötzel K
Grüsser-Cornehls U: Neurophysiological properties of the retinal ganglion cell classes of the Cuban treefrog, *Hyla septentrionalis* **73** 39 (1988)
Grüsser-Cornehls U, Böhm P: Horizontal optokinetic ocular nystagmus in wildtype (B6CBA +/+) and weaver mutant mice **72** 29 (1988)
Guandalini P, Franchi G, Semenza P, Spidalieri G: The functional development of input-output relationships in the rostral portion of the corpus callosum in the kitten **74** 453 (1989)
Guerné Y → Moos F
Guilbaud G → Kayser V
Guillery RW → Baker GE
Guimarães APO → Rodrigues PS
Guinan MJ → Pretel S
Guitton D → Pélisson D
Gulyás B, Lagae L, Eysel U, Orban GA: Corticofugal feedback influences the responses of geniculate neurons to moving stimuli **79** 441 (1990)
Gustafson EL, Greengard P: Localization of DARPP-32 immunoreactive neurons in the bed nucleus of the stria terminalis and central nucleus of the amygdala: codistribution with axons containing tyrosine hydroxylase, vasoactive intestinal polypeptide, and calcitonin gene-related peptide **79** 447 (1990)
Gustafsson JÅ → Ceccatelli S
Gutnick MJ, Wolfson B, Baldino F Jr: Synchronized neuronal activities in neocortical explant cultures **76** 131 (1989)
Gutnick MJ → Wolfson B
Gynther BD, Curtis DR: Post-tetanic influences on primary afferent depolarization in the cat spinal cord **74** 365 (1989)

H

Haas HL → Kostopoulos G
Habets AMMC → Ramakers GJA
Hajós F, Kálmán M: Distribution of glial fibrillary acidic protein (GFAP)-immunoreactive astrocytes in the rat brain. II. Mesencephalon, rhombencephalon and spinal cord **78** 164 (1989)
Hajós F → Kálmán M
Halasz P → Baker KG
Halliwell JV → Chavez-Noriega LE
Halmagyi GM → Dai MJ
Halsey MJ → Millan MH
Hama K → Katsumaru H
Hama K → Kawaguchi Y
Hama K → Kosaka K
Hämäläinen H → Kekoni J
Hämäläinen M → Hari R
Hamamura M → Onaka T
Hamberger A → Jacobson I
Hammer A → Yinon U
Hammond CGM → Abrahams VC
Hammond P, Mouat GSV: Neural correlates of motion after-effects in cat striate cortical neurones: interocular transfer **72** 21 (1988)
Hammond P, Munden IME: Areal influences on complex cells in cat striate cortex: stimulus-specificity of width and length summation **80** 135 (1990)
Hammond P, Mouat GSV, Smith AT: Neural correlates of motion after-effects in cat striate cortical neurones: monocular adaptation **72** 1 (1988)
Hámori J, Takács J: Two types of GABA-containing axon terminals in cerebellar glomeruli of cat: an immunogold-EM study **74** 471 (1989)
Han JS → Wang Q
Hanada M → Tamiya R
Hannam AG → McMillan AS
Hansen JT → Notter MFD
Hansen PD, Woollacott MH, Debu B: Postural responses to changing task conditions **73** 627 (1988)
Hantraye P → Isacson O
Harada C → Fukushima K
Hardy SGP, Holmes DE: Prefrontal stimulus-produced hypotension in rat **73** 249 (1988)
Hardy SGP, Mack SM: Brainstem mediation of prefrontal stimulus-produced hypotension **79** 393 (1990)
Hari R, Mäkelä JP: Modification of neuromagnetic responses of the human auditory cortex by masking sounds **71** 87 (1988)
Hari R, Hämäläinen M, Kaukoranta E, Mäkelä J, Joutsiniemi S-L, Tiihonen J: Selective listening modifies activity of the human auditory cortex **74** 463 (1989)
Harris LR: The contribution of the horizontal semicircular canals to the response to off-vertical-axis rotation in the cat **71** 147 (1988)
Harris NC, Ramsay S, Kelion A, Greenfield SA: Electrophysiological evidence for the dendritic localization of a calcium conductance in guinea-pig substantia nigra neurones in vitro **74** 411 (1989)
Harrison S → Gaffan D
Harvey AR, Robertson D, Cole KS: Direct visualization of death of neurones projecting to specific targets in the developing rat brain **80** 213 (1990)
Harwerth RS, Smith EL III, Crawford MLJ, Noorden GK von: The effects of reverse monocular deprivation in monkeys. I. Psychophysical experiments **74** 327 (1989)
Harwerth RS → Crawford MLJ
Hasan Z, Karst GM: Muscle activity for initiation of planar, two-joint arm movements in different directions **76** 651 (1989)

Hashimoto I, Yoshikawa K, Sasaki M: Somatosensory evoked potential correlates of psychophysical magnitude estimations for tactile air-puff stimulation in man **73** 459 (1988)
Hasselmo ME, Rolls ET, Baylis GC, Nalwa V: Object-centered encoding by face-selective neurons in the cortex in the superior temporal sulcus of the monkey **75** 417 (1989)
Hasselmo ME → Rolls ET
Hata Y → Tamura H
Havton L, Kellerth J-O: Elimination of intramedullary axon collaterals of cat spinal α-motoneurons following peripheral nerve injury **79** 65 (1990)
Havton L, Kellerth J-O: Plasticity of recurrent inhibitory reflexes in cat spinal motoneurons following peripheral nerve injury **79** 75 (1990)
Hawken MJ → Morley JW
Hayashi M, Yamashita A, Shimizu K, Oshima K: Ontogeny of cholecystokinin-8 and glutamic acid decarboxylase in cerebral neocortex of macaque monkey **74** 249 (1989)
Hayashi Y → Yajima Y
Haycock JW → Aldes LD
Hedberg TG → Vogt BA
Hedner P → Lindvall-Axelsson M
Heggelund P, Karlsen HE, Flugsrud G, Nordtug T: Response to rates of luminance change of sustained and transient cells in the cat lateral geniculate nucleus and optic tract **74** 116 (1989)
Hein A, Courjon JH, Flandrin JM, Arzi M: Optokinetic nystagmus in the ferret: including selected comparisons with the cat **79** 623 (1990)
Heinemann U, Schaible H-G, Schmidt RF: Changes in extracellular potassium concentration in cat spinal cord in response to innocuous and noxious stimulation of legs with healthy and inflamed knee joints **79** 283 (1990)
Heinemann U → Köhr G
Heinemann U → Müller W
Heinemann U → Rausche G
Heinemann U → Stanton PK
Heizmann CW → Hendry SHC
Heizmann CW → Katsumaru H
Heizmann CW → Kosaka T
Heizmann CW → Seto-Ohshima A
Hendry IA → Duggan AW
Hendry SHC, Jones EG, Emson PC, Lawson DEM, Heizmann CW, Streit P: Two classes of cortical GABA neurons defined by differential calcium binding protein immunoreactivities **76** 467 (1989)
Hening W, Favilla M, Ghez C: Trajectory control in targeted force impulses. V. Gradual specification of response amplitude **71** 116 (1988)
Hening W, Vicario D, Ghez C: Trajectory control in targeted force impulses. IV. Influences of choice, prior experience and urgency **71** 103 (1988)
Hening W → Favilla M
Hening W → Favilla M
Henn V → Vilis T
Henneman E → Lüscher H-R
Henriksen SJ → Buzsáki G
Henschen AF, Strömberg I, Bygdeman M, Dahl D, Hoffer B, Seiger Å, Olson I: Human fetal spinal cord xenografts survive in the eye of athymic nude rat hosts **75** 317 (1989)
Hepp K → Vilis T
Herman JP, Lupp A, Abrous N, Le Moal M, Hertting G, Jackisch R: Intrastriatal dopaminergic grafts restore inhibitory control over striatal cholinergic neurons **73** 236 (1988)
Hermel J-M → Audinat E
Hernandez TD → Dunnett SB
Hernandez YM, Lindsey BG, Shannon R: Intercostal and abdominal muscle afferent influence on caudal medullary expiratory neurons that drive abdominal muscles **78** 219 (1989)
Herrera-Marschitz M → Lindefors N
Hersh L → Eriksdotter-Nilsson M
Hertting G → Herman JP
Hess BJM, Blanks RHI, Lannou J, Precht W: Effects of kainic acid lesions of the nucleus reticularis tegmenti pontis on fast and slow phases of vestibulo-ocular and optokinetic reflexes in the pigmented rat **74** 63 (1989)
Hesslow G → Andersson G
Heywood CA, Shields C, Cowey A: The involvement of the temporal lobes in colour discrimination **71** 437 (1988)
Hicks TP → Tamura H
Higashima M: Inhibitory processes in development of seizure activity in hippocampal slices **72** 37 (1988)
Higashima M → Sawada S
Higuchi T → Honda K
Hilaire G → Khatib M
Hillyard CJ → Yamano M
Himmelmann F → Seitz RJ
Hirai T, Jones EG: Segregation of lemniscal inputs and motor cortex outputs in cat ventral thalamic nuclei: application of a novel technique **71** 329 (1988)
Hirano A → Goto S
Hník P → Paleček J
Hocherman I → Hocherman S
Hocherman S, Aharonson D, Medalion B, Hocherman I: Perception of the immediate extrapersonal space through proprioceptive inputs **73** 256 (1988)
Hoffer B → Henschen AF
Hoffmann KP → Bauer R
Hökfelt T → Arvidsson U
Hökfelt T → Brodin L
Hökfelt T → Ceccatelli S
Hökfelt T → Freedman J
Hökfelt T → Köhler C
Hökfelt T → Meister B
Hökfelt T → Millhorn DE
Hökfelt T → Seroogy K
Hökfelt T → Wiesenfeld-Hallin Z
Holländer H → Müller M
Holmes DE → Hardy SGP **73** 249 (1988)
Holsheimer J, Lopes da Silva FH: Propagation velocity of epileptiform activity in the hippocampus **77** 69 (1989)
Holstege G, Cowie RJ: Projections from the rostral mesencephalic reticular formation to the spinal cord: an HRP and autoradiographical tracing study in the cat **75** 265 (1989)
Homma I → Onimaru H
Honda K, Negoro H, Higuchi T, Tadokoro Y: The role of the anteroventral 3rd ventricle area in the osmotic control of paraventricular neurosecretory cells **76** 497 (1989)
Honoré J → Demairé C
Hood JD, Marriage JE: Observations bearing upon semi-circular canal dynamics **74** 603 (1989)
Hoogland PV → Welker E
Hoover JE, Durkovic RG: Retention of a backward classically conditioned reflex response in spinal cat **77** 621 (1989)
Horak FB → Macpherson JM
Horner LH → Mize RR
Hornung J-P, Törk I, De Tribolet N: Morphology of tyrosine hydroxylase-immunoreactive neurons in the human cerebral cortex **76** 12 (1989)
Hornung J-P → Baker KG
Horstmann GA → Dietz V
Hösli E, Hösli L: Autoradiographic localization of binding sites for muscarinic and nicotinic agonists and antagonists on cultured astrocytes **71** 450 (1988)
Hösli E, Hösli L: Evidence for $GABA_B$-receptors on cultured astrocytes of rat CNS: autoradiographic binding studies **80** 621 (1990)
Hösli L → Hösli E
Hosoya Y, Sugiura Y, Zhang F-Z, Ito R, Kohno K: Direct projection from the dorsal hypothalamic area to the nucleus raphe pallidus: a study using anterograde transport with *Phaseolus vulgaris* leucoagglutinin in the rat **75** 40 (1989)
Hosten C von → Woollacott MH
Hotson JR → Boman DK
Houben D → Bermejo R
Houdouin F → Cespuglio R
Howard IP, Simpson WA: Human optokinetic nystagmus is linked to the stereoscopic system **78** 309 (1989)
Howard IP, Giaschi D, Murasugi CM: Suppression of OKN and VOR by afterimages and imaginary objects **75** 139 (1989)
Howard IP → Murasugi CM
Huan R → Seroogy K
Huber HP → Bauer R
Huffaker TK, Boss BD, Morgan AS, Neff NT, Strecker RE, Spence MS, Miao R: Xenografting of fetal pig ventral mesencephalon corrects motor asymmetry in the rat model of Parkinson's disease **77** 329 (1989)
Hughes HC → Walker JM
Hugon M → Paulignan Y
Huisman E → Kamphuis W
Hultborn H → Forget R
Hunter A, Stewart MG: A quantitative analysis of the synaptic development of the lobus parolfactorius of the chick (*Gallus domesticus*) **78** 425 (1989)
Hunter IW → Jones LA
Huntley → Liu X-B
Huston JP → Steiner H
Hutchins KD, Martino AM, Strick PL:

Corticospinal projections from the medial wall of the hemisphere **71** 667 (1988)
Hutchison WD → Duggan AW
Hutson PH → Palmer AM
Hvalby Ø, Reymann K, Andersen P: Intracellular analysis of potentiation of CA1 hippocampal synaptic transmission by phorbol ester application **71** 588 (1988)
Hyde ML → Kalaska JF

I

Ibañez V, Deiber MP, Mauguière F: Interference of vibrations with input transmission in dorsal horn and cuneate nucleus in man: a study of somatosensory evoked potentials (SEPs) to electrical stimulation of median nerve and fingers **75** 599 (1989)
Ichikawa T → Uchino Y
Iitake K, Share L, Brooks DP, Crofton JT, Ouchi Y: Role of brain acetylcholine in vasopressin release during osmotic stimulation and hemorrhage **75** 47 (1989)
Illing R-B: Spatial relation of the acetylcholinesterase-rich domain to the visual topography in the feline superior colliculus **73** 589 (1988)
Illing R-B: The mosaic of the uncrossed retinal projection in the superior colliculus of the cat **74** 641 (1989)
Inagaki N, Toda K, Taniuchi I, Panula P, Yamatodani A, Tohyama M, Watanabe T, Wada H: An analysis of histaminergic efferents of the tuberomammillary nucleus to the medial preoptic area and inferior coliculus of the rat **80** 374 (1990)
Inagaki S → Shimada S
Inagaki S → Tamiya R
Inghilleri M → Cruccu G
Ingvar M: Seizure-induced damage in the substantia nigra pars reticulata: lesions in the frontal cortex prior to the seizure period mitigate the damage **75** 369 (1989)
Innocenti GM → Rouiller EM
Inoue T, Kato T, Masuda Y, Nakamura T, Kawamura Y, Morimoto T: Modifications of masticatory behavior after trigeminal deafferentation in the rabbit **74** 579 (1989)
Inoue T → Morimoto T
Ioffé ME → Birjukova EV
Isacson O, Riche D, Hantraye P, Sofroniew MV, Maziere M: A primate model of Huntington's disease: cross-species implantation of striatal precursor cells to the excitotoxically lesioned baboon caudate-putamen **75** 213 (1989)
Isono H → Saito H
Isu N → Uchino Y
Ito R → Hosoya Y
Iversen EG → Myhrer T
Ivry RB, Keele SW, Diener HC: Dissociation of the lateral and medial cerebellum in movement timing and movement execution **73** 167 (1988)
Iwamoto Y: Disynaptic tectal and pyramidal excitation of hindlimb motoneurons mediated by pontine reticulospinal neurons in the cat **79** 175 (1990)
Iwamoto Y, Sasaki S: Monosynaptic excitatory connexions of reticulospinal neurones in the nucleus reticularis pontis caudalis with dorsal neck motoneurones in the cat **80** 277 (1990)
Iwamoto Y, Sasaki S, Suzuki I: Input-output organization of reticulospinal neurones, with special reference to connexions with dorsal neck motoneurones in the cat **80** 260 (1990)

J

Jackisch R → Herman JP
Jacobson I, Hamberger A, Richards CD: Ketamine and MK801 attenuate paired pulse inhibition in the olfactory bulb of the rat **80** 409 (1990)
Jakab G, Salamon I, Petrusz P, Réthelyi M: Termination patterns of calcitonin gene-related peptide-immunoreactive nerve fibers in the dorsal horn of the human spinal cord **80** 639 (1990)
Jakobson LS, Goodale MA: Trajectories of reaches to prismatically-displaced targets: evidence for "automatic" visuomotor recalibration **78** 575 (1989)
Jakubovic A → Szostak C
Jankowska E → Bras H
Jaric S → Gottlieb GL
Jarrard LE → Sinden JD
Jean A → Tell F
Jeannerod M → Paulignan Y
Jeffreys DA: A face-responsive potential recorded from the human scalp **78** 193 (1989)
Jen LS, Chan SO, Chau RMW: Preservation of the entire population of normally transient ipsilaterally projecting retinal ganglion cells by neonatal lesions in the rat **80** 205 (1990)
Jen PH-S → Poon PWF
Jia M → Yu C
Jia W-g → Diao Y-c
Jiang W, Chapman CE, Lamarre Y: Modulation of somatosensory evoked responses in the primary somatosensory cortex produced by intracortical microstimulation of the motor cortex in the monkey **80** 333 (1990)
Jiang W → Chapman CE
Jiménez I, Rudomin P, Solodkin M: PAD patterns of physiologically identified afferent fibres from the medial gastrocnemius muscle **71** 643 (1988)
Jimenez-Castellanos J, Graybiel AM: Evidence that histochemically distinct zones of the primate substantia nigra pars compacta are related to patterned distributions of nigrostriatal projection neurons and striatonigral fibers **74** 227 (1989)
Jinnai K → Nambu A
Johansen FF → Tønder N
Johansson RS, Westling G: Coordinated isometric muscle commands adequately and erroneously programmed for the weight during lifting task with precision grip **71** 59 (1988)
Johansson RS, Westling G: Programmed and triggered actions to rapid load changes during precision grip **71** 72 (1988)
Johansson RS, Trulsson M, Olsson KÅ, Abbs JH: Mechanoreceptive afferent activity in the infraorbital nerve in man during speech and chewing movements **72** 209 (1988)
Johansson RS, Trulsson M, Olsson KÅ, Westberg K-G: Mechanoreceptor activity from the human face and oral mucosa **72** 204 (1988)
John KT, Goodwin AW, Darian-Smith I: Tactile discrimination of thickness **78** 62 (1989)
John KT → Goodwin AW
Johnsen SDS → Keller E
Johnson H → Arvidsson U
Jones EG → DeFelipe J
Jones EG → Hendry SHC
Jones EG → Hirai T
Jones EG → Liu X-B
Jones EG → Schwark HD
Jones GH → Dunnett SB
Jones K → Thorn BE
Jones LA, Hunter IW: A perceptual analysis of stiffness **79** 150 (1990)
Jones MW, Kilpatrick IC, Phillipson OT: Regulation of dopamine function in the nucleus accumbens of the rat by the thalamic paraventricular nucleus and adjacent midline nuclei **76** 572 (1989)
Jones RSG, Lambert JDC: The role of excitatory amino acid receptors in the propagation of epileptiform discharges from the entorhinal cortex to the dentate gyrus in vitro **80** 310 (1990)
Jonge MC de, Black J, Deyo RA, Disterhoft JF: Learning induced afterhyperpolarization reductions in hippocampus are specific for cell type and potassium conductance **80** 456 (1990)
Jongen HAH, Denier van der Gon JJ, Gielen CCAM: Inhomogeneous activation of motoneurone pools as revealed by co-contraction of antagonistic human arm muscles **75** 555 (1989)
Jonsson G → Freedman J
Jonsson G → Schultz W
Jordan L → Shefchyk S
Jordan M → Perségol L
Jørgensen MB → Tønder N
Joseph J-P → Barone P
Josset P → De Waele C
Jousselin-Hosaja M: Ultrastructural evidence for the development of adrenal medullary grafts in the brain **73** 637 (1988)
Joutsiniemi S-L → Hari R
Jouvet M → Cespuglio R
Jouvet M → El Mansari M
Jürgens R, Mergner T: Interaction between cervico-ocular and vestibulo-ocular reflexes in normal adults **77** 381 (1989)

K

Kaji S → Yamane S
Kalaska JF, Cohen DAD, Prud'homme M, Hyde ML: Parietal area 5 neuronal activity encodes movement kinematics, not movement dynamics **80** 351 (1990)
Kalaska JF → Crammond DJ

Kalén P, Wiklund L: Projections from the medial septum and diagonal band of Broca to the dorsal and central superior raphe nuclei: a non-cholinergic pathway **75** 401 (1989)
Kalén P, Lindvall O, Björklund A: Electrical stimulation of the lateral habenula increases hippocampal noradrenaline release as monitored by in vivo microdialysis **76** 239 (1989)
Kalén P, Skagerberg G, Lindvall O: Projections from the ventral tegmental area and mesencephalic raphe to the dorsal raphe nucleus in the rat: evidence for a minor dopaminergic component **73** 69 (1988)
Kalil K → Keifer J
Kálmán M, Hajós F: Distribution of glial fibrillary acidic protein (GFAP)-immunoreactive astrocytes in the rat brain. I. Forebrain **78** 147 (1989)
Kálmán M → Hajós F
Kalsbeek A, Matthijssen MAH, Uylings HBM: Morphometric analysis of prefrontal cortical development following neonatal lesioning of the dopaminergic mesocortical projection **78** 279 (1989)
Kamada T → Poon PWF
Kaminski TR, Gentile AM: A kinematic comparison of single and multijoint pointing movements **78** 547 (1989)
Kamphuis W, Huisman E, Wadman WJ, Lopes da Silva FH: Decrease in GABA immunoreactivity and alteration of GABA metabolism after kindling in the rat hippocampus **74** 375 (1989)
Kano M, Kano M-S, Kusunoki M, Maekawa K: Nature of optokinetic response and zonal organization of climbing fiber afferents in the vestibulocerebellum of the pigmented rabbit. II. The nodulus **80** 238 (1990)
Kano M-S → Kano M
Kano M-S → Kusunoki M
Kano M → Kusunoki M
Kanui TI: Receptive field organisation and electrophysiological responses of spinal cord thermoreactive neurones in the rat **71** 508 (1988)
Kapoor R, Webb C, Greenfield SA: Endogenous dopamine modifies electroresponsiveness of pars compacta cells in the guinea pig substantia nigra in vitro **74** 653 (1989)
Karlsen HE → Heggelund P
Karst GM → Hasan Z
Kase H → Reymann KG
Kase M → Fukushima K
Kasper J → Yates BJ
Kato T → Inoue T
Katsumaru H, Kosaka T, Heizmann CW, Hama K: Immunocytochemical study of GABAergic neurons containing the calcium-binding protein parvalbumin in the rat hippocampus **72** 347 (1988)
Katsumaru H, Kosaka T, Heizmann CW, Hama K: Gap junctions on GABAergic neurons containing the calcium-binding protein parvalbumin in the rat hippocampus (CA1 region) **72** 363 (1988)
Katz RT → Keshner EA
Katz R → Cavallari P
Kauer JA → Bekoff A
Kaukoranta E → Hari R
Kawaguchi Y, Hama K: Physiological heterogeneity of nonpyramidal cells in rat hippocampal CA1 region **72** 494 (1988)
Kawamura K → Date I
Kawamura K → Ono K
Kawamura Y → Inoue T
Kawano K → Yamane S
Kawasaki H → Ohtsuka K
Kayser V, Benoist JM, Neil A, Gautron M, Guilbaud G: Behavioural and electrophysiological studies on the paradoxical antinociceptive effects of an extremely low dose of naloxone in an animal model of acute and localized inflammation **73** 402 (1988)
Kcharazia VN → Batuev AS
Keating MJ → Grant S
Keay KA, Dean P, Redgrave P: N-methyl D-aspartate (NMDA) evoked changes in blood pressure and heart rate from the rat superior colliculus **80** 148 (1990)
Keele SW → Ivry RB
Keifer J, Kalil K: Modulation of spinal reflexes by pyramidal tract stimulation in an in vitro brainstem-spinal cord preparation from the hamster **78** 633 (1989)
Keizer K, Kuypers HGJM: Distribution of corticospinal neurons with collaterals to the lower brain stem reticular formation in monkey (*Macaca fascicularis*) **74** 311 (1989)
Kekoni J, Hämäläinen H, Rautio J, Tukeva T: Mechanical sensibility of the sole of the foot determined with vibratory stimuli of varying frequency **78** 419 (1989)
Kelion A → Harris NC
Keller A, Arissian K, Asanuma H: Formation of new synapses in the cat motor cortex following lesions of the deep cerebellar nuclei **80** 23 (1990)
Keller E, Johnsen SDS: Velocity prediction in corrective saccades during smooth-pursuit eye movements in monkey **80** 525 (1990)
Kellerth J-O → Gollvik L
Kellerth J-O → Havton L
Kelso JAS → Tuller B
Keshner EA, Campbell D, Katz RT, Peterson BW: Neck muscle activation patterns in humans during isometric head stabilization **75** 335 (1989)
Keshner EA, Woollacott MH, Debu B: Neck, trunk and limb muscle responses during postural perturbations in humans **71** 455 (1988)
Kesner RP: Retrospective and prospective coding of interformation: role of the medial prefrontal cortex **74** 163 (1989)
Kevetter GA → Perachio AA
Khatib M, Hilaire G, Monteau R: Excitatory interactions between phrenic motoneurons: intracellular study in the cat **74** 131 (1989)
Kiefer W, Krüger K, Strauß G, Berlucchi G: Considerable deficits in the detection performance of the cat after lesion of the suprasylvian visual cortex **75** 208 (1989)
Kiefer W → Krüger K
Kilpatrick IC → Jones MW
Kimura F → Shirokawa T
Kinnman E → Wiesenfeld-Hallin Z
Kitamura R → Yamamoto T
Kitao Y → Moriizumi T
Kito S → Shimada S
Kiyomitsu Y → Yamamoto T
Kleyne M → Tax AAM
Klingelhöfer J → Conrad B
Kniffki K-D → Craig AD Jr
Knöpfel T, Dieringer N: Lesion-induced vestibular plasticity in the frog: are N-methyl-D-aspartate receptors involved? **72** 129 (1988)
Koch KW, Fuster JM: Unit activity in monkey parietal cortex related to haptic perception and temporary memory **76** 292 (1989)
Köhler C, Persson A, Melander T, Theodorsson E, Sedvall G, Hökfelt T: Distribution of galanin-binding sites in the monkey and human telencephalon: preliminary observations **75** 375 (1989)
Kohno K → Hosoya Y
Köhr G, Heinemann U: Differences in magnesium and calcium effects on N-methyl-D-aspartate- and quisqualate-induced decreases in extracellular sodium concentration in rat hippocampal slices **71** 425 (1988)
Komiyama T, Tanaka R: The differences in human spinal motoneuron excitability during the foreperiod of a motor task **79** 357 (1990)
Kornhuber A → Lang W
Korr H, Schultze B: Unscheduled DNA synthesis in various types of cells of the mouse brain in vivo **74** 573 (1989)
Kosaka K, Hama K, Nagatsu I, Wu J-Y, Kosaka T: Possible coexistence of amino acid (γ-aminobutyric acid), amine (dopamine) and peptide (substance P); neurons containing immunoreactivities for glutamic acid decarboxylase, tyrosine hydroxylase and substance P in the hamster main olfactory bulb **71** 633 (1988)
Kosaka T, Heizmann CW, Barnstable CJ: Monoclonal antibody VC1.1 selectively stains a population of GABAergic neurons containing the calcium-binding protein parvalbumin in the rat cerebral cortex **78** 43 (1989)
Kosaka T, Wu J-Y, Benoit R: GABAergic neurons containing somatostatin-like immunoreactivity in the rat hippocampus and dentate gyrus **71** 388 (1988)
Kosaka T → Katsumaru H
Kosaka T → Kosaka K
Koshland GF, Smith JL: Paw-shake responses with joint immobilization: EMG changes with atypical feedback **77** 361 (1989)
Kosinski RJ, Azizi SA, Mihailoff GA: Convergence of cortico- and cuneopontine projections onto components of the pontocerebellar system in the rat: an anatomical and electrophysiological study **71** 541 (1988)
Koska Ch → Lang W
Kostopoulos G, Psarropoulou C, Haas HL: Membrane properties, response to amines and to tetanic stimulation of hippocampal

neurons in the genetically epileptic mutant mouse tottering **72** 45 (1988)
Krafczyk S → Paulus W
Kratz KE → Parkinson D
Kremer M → Mackay-Sim A
Kretz R → Pritzel M
Kriellaars D → Shefchyk S
Krüger J → Aiple F
Krüger K, Donicht M, Müller-Kusdian G, Kiefer W, Berlucchi G: Lesion of areas 17/18/19: effects on the cat's performance in a binary detection task **72** 510 (1988)
Krüger K → Kiefer W
Kubota K → Sawaguchi T
Kubota Y → Gabriel M
Kubota Y → Shimada S
Kudo M → Moriizumi T
Kudo Y → Ogura A
Kuipers U → Laouris Y
Kulics AT → Cauller LJ
Kümmel H → Alstermark B
Kunesch E, Binkofski F, Freund H-J: Invariant temporal characteristics of manipulative hand movements **78** 539 (1989)
Kurata K: Distribution of neurons with set- and movement-related activity before hand and foot movements in the premotor cortex of rhesus monkeys **77** 245 (1989)
Kurata K, Wise SP: Premotor and supplementary motor cortex in rhesus monkeys: neuronal activity during externally- and internally-instructed motor tasks **72** 237 (1988)
Kuriki S, Murase M: Neuromagnetic study of the auditory responses in right and left hemispheres of the human brain evoked by pure tones and speech sounds **77** 127 (1989)
Kusunoki M, Kano M, Kano M-S, Maekawa K: Nature of optokinetic response and zonal organization of climbing fiber afferents in the vestibulocerebellum of the pigmented rabbit. I. The flocculus **80** 225 (1990)
Kusunoki M → Kano M
Kuypers HGJM → Keizer K
Kuypers HGJM → Verburgh CA

L

Lackner JR → DiZio P
Lacquaniti F → Soechting JF
Lafarga M → Berciano MT
Lagae L → Gulyás B
Lamarre Y → Chapman CE
Lamarre Y → Jiang W
Lambert JDC → Jones RSG
Lamour Y → Dutar P
Landsdown G → Timney B
Lang M → Lang W
Lang W, Lang M, Podreka I, Steiner M, Uhl F, Suess E, Müller Ch, Deecke L: DC-potential shifts and regional cerebral blood flow reveal frontal cortex involvement in human visuomotor learning **71** 353 (1988)
Lang W, Lang M, Uhl F, Koska Ch, Kornhuber A, Deecke L: Negative cortical DC shifts preceding and accompanying simultaneous and sequential finger movements **71** 579 (1988)
Lang W, Obrig H, Lindinger G, Cheyne D, Deecke L: Supplementary motor area activation while tapping bimanually different rhythms in musicians **79** 504 (1990)
Lang W, Zilch O, Koska C, Lindinger G, Deecke L: Negative cortical DC shifts preceding and accompanying simple and complex sequential movements **74** 99 (1989)
Lannou J → Hess BJM
Laouris Y, Windhorst U, Rissing R, Kuipers U, Meyer-Lohmann J: Time constants of facilitation and depression in Renshaw cell responses to random stimulation of motor axons **72** 117 (1988)
Larsson L-I → Ottersen OP
Lawing WL → Dean JB
Lawson DEM → Hendry SHC
Lázár G: Altering the direction of optokinetic head nystagmus: a lesion study and a hypothetical model **77** 193 (1989)
Le Bizec J → Demairé C
Le Moal M → Herman JP
Le TH → Miles TS
Leander S → Freedman J
Lee CL → Wolpaw JR
Lee WA → Schotland JL
Lehmkuhle S → Walker JM
Leichnetz GR → Gonzalo-Ruiz A
Leigh RJ, Maas EF, Grossman GE, Robinson DA: Visual cancellation of the torsional vestibulo-ocular reflex in humans **75** 221 (1989)
Lenzi P, Cianci T, Leonardi GS, Martinelli A, Franzini C: Muscle blood flow changes during sleep as a function of fibre type composition **74** 549 (1989)
Leonardi GS → Lenzi P
Lestienne F → Clément G
Lettich E → Creutzfeldt O
Leuba G, Garey LJ: Comparison of neuronal and glial numerical density in primary and secondary visual cortex of man **77** 31 (1989)
Leutenecker B → Löwel S
Levine ES → Northmore DPM
Levine-Bryce D → Powell DA
Levitt JB, Sanchez RM, Smith III EL, Movshon JA: Spatio-temporal interactions and the spatial phase preferences of visual neurons **80** 441 (1990)
Li A → Liske S
Li Volsi G → Licata F
Licata F, Li Volsi G, Maugeri G, Santangelo F: Effects of 5-hydroxytryptamine on the firing rates of neurons of the lateral vestibular nucleus in the rat **79** 293 (1990)
Lidsky TI → Manetto C
Lieberman AR → Bhide PG
Lieši P, Salonen E-M, Dahl D, Vaheri A, Richards S-J: Thy-1 is a neuronal and glial surface antigen which interacts with matrix proteins and plasminogen activator **79** 642 (1990)
Lightman SL → Eckland DJA
Lindefors N, Brene S, Herrera-Marschitz M, Persson H: Region specific regulation of glutamic acid decarboxylase mRNA expression by dopamine neurons in rat brain **77** 611 (1989)
Lindefors N, Brené S, Herrera-Marschitz M, Persson H: Neuropeptide gene expression in brain is differentially regulated by midbrain dopamine neurons **80** 489 (1990)
Lindefors N, Brodin E, Tossman U, Segovia J, Ungerstedt U: Tissue levels and in vivo release of tachykinins and GABA in striatum and substantia nigra of rat brain after unilateral striatal dopamine denervation **74** 527 (1989)
Lindinger G → Lang W
Lindsey BG → Hernandez YM
Lindström S, Wróbel A: Frequency dependent corticofugal excitation of principal cells in the cat's dorsal lateral geniculate nucleus **79** 313 (1990)
Lindvall O, Auer RN, Siesjö BK: Mechanisms of hypoglycemic brain damage: evidence against a significant role of the noradrenergic locus coeruleus system **73** 219 (1988)
Lindvall O → Clarke DJ
Lindvall O → Kalén P
Lindvall-Axelsson M, Hedner P, Owman C: Corticosteroid action on choroid plexus: reduction in Na^+-K^+-ATPase activity, choline transport capacity, and rate of CSF formation **77** 605 (1989)
Linington AJ → Craig AD Jr
Lipfert P → Seitz RJ
Liske S, Li A, Morris ME: Effects of ketamine on GABA-evoked excitability of peripheral nerve **79** 187 (1990)
Litzinger M → Yu C
Liu X-B, Jones EG, Huntley GW, Molinari M: Tachykinin immunoreactivity in terminals of trigeminal afferent fibers in adult and fetal monkey thalamus **78** 479 (1989)
Lo F-S: A study of neuronal circuitry mediating the saccadic suppression in the rabbit **71** 618 (1988)
Lopes da Silva FH → Holsheimer J
Lopes da Silva FH → Kamphuis W
Loring JF → Strecker RE
Louis WJ → Verberne AJM
Low WC → Chang AC
Lowe SL → Palmer AM
Löwel S, Bischof HJ, Leutenecker B, Singer W: Topographic relations between ocular dominance and orientation columns in the cat striate cortex **71** 33 (1988)
Lu J → Berson DM
Lucchetti C → Bon L
Luijtelaar MGPA van, Steinbusch HWM, Tonnaer JADM: Similarities between aberrant serotonergic fibers in the aged and 5,7-DHT denervated young adult rat brain **78** 81 (1989)
Lund RD → Galli L
Lundberg A → Alstermark B
Lupp A → Herman JP
Luppino G → Gentilucci M
Luppino G → Rizzolatti G
Lüscher H-R, Vardar U: A comparison of homonymous and heteronymous connectivity in the spinal monosynaptic reflex arc of the cat **74** 480 (1989)

Lüscher H-R, Stricker C, Henneman E, Vardar U: Unfluences of morphology and topography of motoneurons and muscle spindle afferents on amplitude of single fiber excitatory postsynaptic potentials in cat **74** 493 (1989)
Lustgarten M → Wyatt HJ

M

Ma TP → Waitzman DM
Maas EF → Leigh RJ
Machemer HF → Eysel UT
Maciewicz R → Mason P
MacIntyre I → Yamano M
Mack SM → Hardy SGP
MacKay WA: Cerebellar nuclear activity in relation to simple movements **71** 47 (1988)
Mackay-Sim A, Dreosti IE: Olfactory function in zinc-deficient adult mice **76** 207 (1989)
Mackay-Sim A, Breipohl W, Kremer M: Cell dynamics in the olfactory epithelium of the tiger salamander: a morphometric analysis **71** 189 (1988)
MacKenzie C → Paulignan Y
Macpherson JM, Horak FB, Dunbar DC, Dow RS: Stance dependence of automatic postural adjustments in humans **78** 557 (1989)
Madsen S → Ottersen OP
Maekawa K → Kano M
Maekawa K → Kusunoki M
Maekawa K → Takeda T
Maffei L, Fiorentini A, Cenni MC: Monocular deprivation in split-chiasm kittens does not impair the development of visuomotor behaviour **80** 218 (1990)
Maffei L → Berardi N
Maffei L → Galli L
Maffei L → Gravina A
Magnuson DSK, Curry K, Peet MJ, McLennan H: Structural requirements for activation of excitatory amino acid receptors in the rat spinal cord in vitro **73** 541 (1988)
Mäkelä J → Hari R
Mäkelä JP → Hari R
Manabe M, Ezure K: Decrementing expiratory neurons of the Bötzinger complex. I. Response to lung inflation and axonal projection **72** 150 (1988)
Manabe M → Ezure K
Manabe M → Otake K
Manetto C, Lidsky TI: Striatal influences on paravermal cerebellar activity **73** 53 (1988)
Manfredi M → Cruccu G
Manning KA → Evinger C
Manthorpe M → Gage FH
Manzoni T, Barbaresi P, Conti F, Fabri M: The callosal connections of the primary somatosensory cortex and the neural bases of midline fusion **76** 251 (1989)
Mao LM → Wang Q
Marchetti E → Gauthier GM
Marco LA → Aldes LD
Markowska AL, Olton DS, Murray EA, Gaffan D: A comparative analysis of the role of fornix and cingulate cortex in memory: rats **74** 187 (1989)
Marks GA, Speciale SG, Roffwarg HP: Sleep state-specific neuronal activity in rat dorsal lateral geniculate nucleus is not altered by local serotonin and norepinephrine depletion **74** 402 (1989)
Marriage JE → Hood JD
Martel FL → Rogers DC
Marteniuk R → Paulignan Y
Martinelli A → Lenzi P
Martino AM → Hutchins KD
Martins-Ferreira H → Rodrigues PS
Masino T, Grobstein P: The organization of descending tectofugal pathways underlying orienting in the frog, *Rana pipiens*. I. Lateralization, parcellation, and an intermediate spatial representation **75** 227 (1989)
Masino T, Grobstein P: The organization of descending tectofugal pathways underlying orienting in the frog, *Rana pipiens*. II. Evidence for the involvement of a tectotegmento-spinal pathway **75** 245 (1989)
Mason P, Strassman A, Maciewicz R: Serotonin immunocytochemistry of physiologically characterized raphe magnus neurons **73** 1 (1988)
Massion J → Birjukova EV
Massion J → Paulignan Y
Massion J → Pedotti A
Massoulié J → Eriksdotter-Nilsson M
Masuda Y → Inoue T
Masuda Y → Morimoto T
Matelli M → Gentilucci M
Matelli M → Rizzolatti G
Matheson DF, Roots BI: Effect of acclimation and fixation temperatures on the number of lamellae and periodicity of myelin in fibres of the optic nerve of goldfish **72** 63 (1988)
Matsua R → Yamamoto T
Matsumoto N, Sato T, Suzuki TA: Characteristics of the tooth pulp-driven neurons in a functional column of the cat's somatosensory cortex (SI) **74** 263 (1989)
Matsumura M → Sawaguchi T
Matsuno K → Yamagata Y
Matsuo V → Schiff D
Matthies H → Reymann KG
Matthijssen MAH → Kalsbeek A
Maugeri G → Licata F
Mauguière F → Ibañez V
Mayr M → Bauer R
Maziere M → Isacson O
Mazzocchio R → Rossi A
McCandlish C, Waters RS, Cooper NGF: Early development of the representation of the body surface in SI cortex barrel field in neonatal rats as demonstrated with peanut agglutinin binding: evidence for differential development within the rattunculus **77** 425 (1989)
McCrea D → Bras H
McCrea D → Shefchyk S
McEvoy A → Di Fabio RP
McEwen BS → Canonaco M
McEwen BS → Canonaco M
McLellan CA → Doudet DJ
McLennan H, Curry K: The actions of cyclopentane analogues of glutamic acid at binding sites for kainic and glutamic acids **72** 436 (1988)
McLennan H → Magnuson DSK
McMillan AS, Hannam AG: Reflex inhibition in single motor units of the human lateral pterygoid muscle **76** 97 (1989)
McMullen NT, Glaser EM: Auditory cortical responses to neonatal deafening: pyramidal neuron spine loss without changes in growth or orientation **72** 195 (1988)
McNaughton BL, Barnes CA, Meltzer J, Sutherland RJ: Hippocampal granule cells are necessary for normal spatial learning but not for spatially-selective pyramidal cell discharge **76** 485 (1989)
McNaughton BL → Mizumori SJY
Medalion B → Hocherman S
Meister B, Ceccatelli S, Hökfelt T, Andén N-E, Andén M, Theodorsson E: Neurotransmitters, neuropeptides and binding sites in the rat mediobasal hypothalamus: effects of monosodium glutamate (MSG) lesions **76** 343 (1989)
Melander T → Köhler C
Meldrum BS → Millan MH
Meltzer J → McNaughton BL
Mercuri NB → Stanzione P
Mergner T → Jürgens R
Messerschmid E → Ockels WJ
Meunier S, Morin C: Changes in presynaptic inhibition of Ia fibres to soleus motoneurones during voluntary dorsiflexion of the foot **76** 510 (1989)
Meunier S → Forget R
Meyer B-U → Benecke R
Meyer-Lohmann J → Laouris Y
Meyers DER → Schmidt BJ
Miao R → Huffaker TK
Miao R → Strecker RE
Mickley GA, Ferguson JL: Enhanced acoustic startle responding in rats with radiation-induced hippocampal granule cell hypoplasia **75** 28 (1989)
Midroni G → Brouwer B
Mihailoff GA → Kosinski RJ
Mihály A → Ferencsik M
Mikami A → Saito H
Miles TS, Le TH, Türker KS: Biphasic inhibitory responses and their IPSPs evoked by tibial nerve stimulation in human soleus motor neurones **77** 637 (1989)
Miles TS, Türker KS, Le TH: Ia reflexes and EPSPs in human soleus motor neurones **77** 628 (1989)
Millan MH, Patel S, Meldrum BS: The involvement of excitatory amino acid receptors within the prepiriform cortex in pilocarpine-induced limbic seizures in rats **72** 517 (1988)
Millan MH, Wardley-Smith B, Halsey MJ, Meldrum BS: Studies on the role of the NMDA receptor in the substantia nigra pars reticula and entopeduncular nucleus in the development of the high pressure neurological syndrome in rats **78** 174 (1989)
Miller MM, Antecka E, Sapolsky R: Short term effects of glucocorticoids upon hippocampal ultrastructure **77** 309 (1989)
Milleret C, Gary-Bobo E, Buisseret P: Comparative development of cell proper-

ties in cortical area 18 of normal and dark-reared kittens **71** 8 (1988)
Milleret C → Buisseret P
Millhorn DE, Hökfelt T, Verhofstad AAJ, Terenius L: Individual cells in the raphe nuclei of the medulla oblongata in rat that contain immunoreactivities for both serotonin and enkephalin project to the spinal cord **75** 536 (1989)
Millhorn DE → Ceccatelli S
Millhorn DE → Dean JB
Mills KR → Claus D
Misgeld U → Frotscher M
Misgeld U → Müller W
Mishkin M → Overman WH
Mitani-Yamanishi Y → Morigiwa K
Mitchell IJ, Dean P, Redgrave P: The projection from superior colliculus to cuneiform area in the rat. II. Defence-like responses to stimulation with glutamate in cuneiform nucleus and surrounding structures **72** 626 (1988)
Mitchell IJ → Redgrave P
Mitchell S → Coffey PJ
Mitova L → Vassilev A
Miu P, Puil E: Isoflurane-induced impairment of synaptic transmission in hippocampal neurons **75** 354 (1989)
Miyake H → Doudet DJ
Miyamoto M → Ogura A
Mize RR, Horner LH: Origin, distribution, and morphology of serotonergic afferents to the cat superior colliculus: a light and electron microscope immunocytochemistry study **75** 83 (1989)
Mizumori SJY, Barnes CA, McNaughton BL: Behavioral correlates of theta-on and theta-off cells recorded from hippocampal formation of mature young and aged rats **80** 365 (1990)
Mody I → Stanton PK
Molander C → Cova JL
Molinari M → Liu X-B
Möller E → Widner H
Molotchnikoff S → Casanova C
Mondadori C, Weiskrantz L, Buerki H, Petschke F, Fagg GE: NMDA receptor antagonists can enhance or impair learning performance in animals **75** 449 (1989)
Monteau R → Khatib M
Montero VM: The GABA-immunoreactive neurons in the interlaminar regions of the cat lateral geniculate nucleus: light and electron microscopic observations **75** 497 (1989)
Montero VM: Ultrastructural identification of synaptic terminals from cortical axons and from collateral axons of geniculocortical relay cells in the perigeniculate nucleus of the cat **75** 65 (1989)
Mooney RD → Rhoades RW
Moore SP, Rushmer DS, Windus SL, Nashner LM: Human automatic postural responses: responses to horizontal perturbations of stance in multiple directions **73** 648 (1988)
Moore SP → Rushmer DS
Moos F, Poulain DA, Rodriguez F, Guerné Y, Vincent J-D, Richard P: Release of oxytocin within the supraoptic nucleus during the milk ejection reflex in rats **76** 593 (1989)
Morgan AS → Huffaker TK
Morgan S → Steiner H
Morgane PJ → Austin KB
Mori S → Takakusaki K
Morigiwa K, Sawai H, Wakakuwa K, Mitani-Yamanishi Y, Fukuda Y: Retinal inputs and laminar distributions of the dorsal lateral geniculate nucleus relay cells in the eastern chipmunk (*Tamias sibiricus asiaticus*) **71** 527 (1988)
Moriizumi T, Nakamura Y, Tokuno H, Kitao Y, Kudo M: Topographic projections from the basal ganglia to the nucleus tegmenti pedunculopontinus pars compacta of the cat with special reference to pallidal projections **71** 298 (1988)
Morimoto T, Inoue T, Masuda Y, Nagashima T: Sensory components facilitating jaw-closing muscle activities in the rabbit **76** 424 (1989)
Morimoto T → Inoue T
Morin C → Meunier S
Morley JW, Hawken MJ, Burge PD: Vibratory detection thresholds following a digital nerve lesion **72** 215 (1988)
Morreale de Escobar G → Ruiz-Marcos A
Morrell JI → Corodimas KP
Morrell JI → Fahrbach SE
Morris ME → Liske S
Morris RGM → Tonkiss J
Morton CR → Duggan AW
Moser A, Drescher S: The effect of vasoactive intestinal polypeptide (VIP) on forskolin stimulated adenylate cyclase in the caudate-putamen of the rat **79** 383 (1990)
Mossberg K → Brodin L
Mouat GSV → Hammond P
Movshon JA → Levitt JB
Moy YP → Frost DO
Mudrick LA, Baimbridge KG, Peet MJ: Hippocampal neurons transplanted into ischemically lesioned hippocampus: electroresponsiveness and reestablishment of circuitries **76** 333 (1989)
Müller Ch → Lang W
Müller M, Holländer H: A small population of retinal ganglion cells projecting to the retina of the other eye. An experimental study in the rat and the rabbit **71** 611 (1988)
Müller M → Aschoff A
Müller W, Misgeld U, Heinemann U: Carbachol effects on hippocampal neurons in vitro: dependence on the rate of rise of carbachol tissue concentration **72** 287 (1988)
Müller-Kusdian G → Krüger K
Müller-Preuss P → Preuß A
Munden IME → Hammond P
Munoz DP → Pélisson D
Murase M → Kuriki S
Murasugi CM, Howard IP: Up-down asymmetry in human vertical optokinetic nystagmus and afternystagmus: contributions of the central and peripheral retinae **77** 183 (1989)
Murasugi CM → Howard IP
Murata Y → Doucet G
Murray EA, Davidson M, Gaffan D, Olton DS, Suomi S: Effects of fornix transection and cingulate cortical ablation on spatial memory in rhesus monkeys **74** 173 (1989)
Murray EA → Markowska AL
Murray NMF → Claus D
Mussa Ivaldi F → Gauthier GM
Myhrer T, Iversen EG, Fonnum F: Impaired reference memory and reduced glutamergic activity in rats with temporoentorhinal connections disrupted **77** 499 (1989)

N

Nagao S: Behavior of floccular Purkinje cells correlated with adaptation of horizontal optikinetic eye movement response in pigmented rabbits **73** 489 (1988)
Nagao S: Behavior of floccular Purkinje cells correlated with adaptation of vestibulo-ocular reflex in pigmented rabbits **77** 531 (1989)
Nagao S: Role of cerebellar flocculus in adaptive interaction between optokinetic eye movement response and vestibulo-ocular reflex in pigmented rabbits **77** 541 (1989)
Nagao S: Eye velocity is not the major factor that determines mossy fiber responses of rabbit floccular Purkinje cells to head and screen oscillation **80** 221 (1990)
Nagasaki H: Asymmetric velocity and acceleration profiles of human arm movements **74** 319 (1989)
Nagashima T → Morimoto T
Nagatsu I → Kosaka K
Nakamura T → Inoue T
Nakamura Y → Moriizumi T
Nakashima H → Date I
Nakayama T, Furuya S: Monensin induces distortion of optic nerve crossing at the chick embryo chiasm **76** 559 (1989)
Nalwa V → Hasselmo ME
Nalwa V → Rolls ET
Nambu A, Yoshida S, Jinnai K: Projection on the motor cortex of thalamic neurons with pallidal input in the monkey **71** 658 (1988)
Nardone A, Corrà T, Schieppati M: Different activations of the soleus and gastrocnemii muscles in response to various types of stance perturbation in man **80** 323 (1990)
Nardone A → Schieppati M
Narita N → Tamiya R
Nashner LM → Moore SP
Neerven J van, Pompeiano O, Collewijn H, Steen J van der: Injections of β-noradrenergic substances in the flocculus of rabbits affect adaptation of the VOR gain **79** 249 (1990)
Neff NT → Huffaker TK
Negoro H → Honda K
Neil A → Kayser V
Nelson PG → Yu C
Neuhuber WL → Bankoul S
Newman DB → Stuesse SL
Nguyen VS, Straznicky C: The development and the topographic organization of the

retinal ganglion cell layer in *Bufo marinus* **75** 345 (1989)
Nguyen VS → Straznicky C
Nielsen J → Crone C **78** 28 (1989)
Nieoullon A → Forni C
Nilsson OG → Brundin P
Nilsson OG → Clarke DJ
Nishigori A → Shirokawa T
Nishizuka M, Pfaff DW: Medial preoptic islands in the rat brain: electron microscopic evidence for intrinsic synapses **77** 295 (1989)
Nixon PD → Canavan AGM
Nomura T → Ogawa H
Noorden GK von → Crawford MLJ
Noorden GK von → Harwerth RS
Nordtug T → Heggelund P
Norrsell U: Behavioural thermosensitivity after bilateral lesions of the lateral funiculi in the cervical spinal cord of the cat **78** 374 (1989)
Norrsell U: Behavioural thermosensitivity after unilateral, partial lesions of the lateral funiculus in the cervical spinal cord of the cat **78** 369 (1989)
Northmore DPM, Levine ES, Schneider GE: Behavior evoked by electrical stimulation of the hamster superior colliculus **73** 595 (1988)
Norton J → Triarhou LC
Notter MFD, Hansen JT, Okawara S, Gash DM: Rodent and primate adrenal medullary cells in vitro: phenotypic plasticity in response to coculture with C_6 glioma cells of NGF **76** 38 (1989)

O

Oakson G → Paré D
Obrig H → Lang W
Obrocki J, Borroni E: Immunocytochemical evaluation of a cholinergic-specific ganglioside antigen (Chol-1) in the central nervous system of the rat **72** 71 (1988)
Ockels WJ, Furrer R, Messerschmid E: Simulation of space adaptation syndrome on earth **79** 661 (1990)
O'Connor LH → Canonaco M
Odekunle A → Redgrave P
O'Donoghue DL, Bishop GA: A quantitative analysis of the distribution of Purkinje cell axonal collaterals in different zones of the cat's cerebellum: an intracellular HRP study **80** 63 (1990)
Oehler R, Sharpe LT: Dark adaption and increment theshold in rhesus monkey and man **75** 664 (1989)
Ogawa H, Nomura T: Receptive field properties of thalamo-cortical taste relay neurons in the parvicellular part of the posteromedial ventral nucleus in rats **73** 364 (1988)
Ogura A, Miyamoto M, Kudo Y: Neuronal death in vitro: parallelism between survivability of hippocampal neurones and sustained elevation of cytosolic Ca^{2+} after exposure to glutamate receptor agonist **73** 447 (1988)
Ohashi T → Fukushima K
Ohki Y, Shimazu H, Suzuki I: Excitatory input to burst neurons from the labyrinth and its mediating pathway in the cat: location and functional characteristics of burster-driving neurons **72** 457 (1988)
Ohmori H → Yamashita M
Ohta Y → Brodin L
Ohta Y → Takakusaki K
Ohtsuka K, Asakura K, Kawasaki H, Sawa M: Respiratory fluctuations of the human pupil **71** 215 (1988)
Ohtsuki T → Yamamoto C
Ojemann G → Creutzfeldt O
Oka H → Yamamoto T
Okawara S → Notter MFD
Olausson B, Shyu BC, Rydenhag B: Projection from the thalamic intralaminar nuclei on the isocortex of the rat: a surface potential study **75** 543 (1989)
Olausson B, Shyu B-C, Rydenhag B: Properties of single neurons in the cat midsuprasylvian gyrus **79** 515 (1990)
O'Leary DDM → Stanfield BB
Olson I → Henschen AF
Olson L → Eriksdotter-Nilsson M
Olsson KÅ → Johansson RS
Olton DS → Markowska AL
Olton DS → Murray EA
Ombrellaro M → Sherk H
Onaka T, Yagi K, Hamamura M: Vasopressin secretion: suppression after light and tone stimuli previously paired with footshocks in rats **71** 291 (1988)
Ongerboer de Visser BW → Cruccu G
Onimaru H, Arata A, Homma I: Firing properties of respiratory rhythm generating neurons in the absence of synaptic transmission in rat medulla in vitro **76** 530 (1989)
Ono K, Kawamura K: Migration of immature neurons along tangentially oriented fibers in the subpial part of the fetal mouse medulla oblongata **78** 290 (1989)
Oorschot DE: Effect of fluorodeoxyuridine on neurons and non-neuronal cells in cerebral explants **78** 132 (1989)
Opstal AJ van, Gisbergen JAM van: Role of monkey superior colliculus in saccade averaging **79** 143 (1990)
Optican LM → Waitzman DM
Orban GA, Vandenbussche E, Sprague JM, De Weerd P: Stimulus contrast and visual cortical lesions **72** 191 (1988)
Orban GA → Gulyás B
Orban GA → Vogels R
Orlovsky GN → Arshavsky YI
Ormsby G → Overman WH
Örnung G → Gollvik L
Oshima K → Hayashi M
Ostwald J → Aschoff A
Ostwald J → Friauf E
Otake K, Sasaki H, Ezure K, Manabe M: Axonal projections from Bötzinger expiratory neurons to contralateral ventral and dorsal respiratory groups in the cat **72** 167 (1988)
Ott H → Aschoff A
Ottersen OP, Madsen S, Storm-Mathisen J, Somogyi P, Scopsi L, Larsson L-I: Immunocytochemical evidence suggests that taurine is colocalized with GABA in the Purkinje cell terminals, but that the stellate cell terminals, but that the stellate cell terminals predominantly contain GABA: a light- and electronmicroscopic study of the rat cerebellum **72** 407 (1988)
Ottersen OP → Aas J-E
Ottersen OP → Walberg F
Ottersen OP → Yingcharoen K
Ouchi Y → Iitake K
Ovadia H, Abramsky O, Barak V, Conforti N, Saphier D, Weidenfeld J: Effect of interleukin-1 on adrenocortical activity in intact and hypothalamic deafferentated male rats **76** 246 (1989)
Øverby SE, Bjaalie JG, Brodal P: Uneven densities of corticopontine neurons in the somatosensory cortex: a quantitative experimental study in the cat **77** 653 (1989)
Overman WH, Ormsby G, Mishkin M: Picture recognition vs. picture discrimination learning in monkeys with medial temporal removals **79** 18 (1990)
Owman C → Lindvall-Axelsson M

P

Padel Y → Relova JL
Padel Y → Vinay L
Pagni S → Romaiguère P
Paige GD: The influence of target distance on eye movement responses during vertical linear motion **77** 585 (1989)
Paleček J, Vejsada R, Soukup T, Hník P: Function and structure of atypical muscle spindles after neonatal nerve crush in rats **74** 417 (1989)
Palisses R, Perségol L, Viala D: Evidence for respiratory interneurones in the C3–C5 cervical spinal cord in the decorticate rabbit **78** 624 (1989)
Paliwal VK, Ebadi M: Biochemical properties of metallothionein isoforms from bovine hippocampus **75** 477 (1989)
Palmer AM, Hutson PH, Lowe SL, Bowen DM: Extracellular concentrations of aspartate and glutamate in rat neostriatum following chemical stimulation of frontal cortex **75** 659 (1989)
Panchin YV → Arshavsky YI
Pantieri R → Forget R
Panto MR → Cicirata F
Panula P → Inagaki N
Papanicolaou AC, Rogers RL, Baumann S, Saydjari C, Eisenberg HM: Source localization of two evoked magnetic field components using two alternative procedures **80** 44 (1990)
Paradiso MA → Ramoa AS
Paré D, Bouhassira D, Oakson G, Datta S: Spontaneous and evoked activities of anterior thalamic neurons during waking and sleep states **80** 54 (1990)
Parkinson D, Kratz KE, Daw NW: Evidence for a nicotinic component to the actions of acetylcholine in cat visual cortex **73** 553 (1988)
Parnavelas JG → Dinopoulos A
Parnavelas JG → Dori I
Passingham RE → Canavan AGM
Patel S → Millan MH
Patterson TA, Gilbert DB, Rose SPR: Pre-

and post-training lesions of the intermediate medial hyperstriatum ventrale and passive avoidance learning in the chick **80** 189 (1990)
Paulignan Y, Dufossé M, Hugon M, Massion J: Acquisition of co-ordination between posture and movement in a bimanual task **77** 337 (1989)
Paulignan Y, MacKenzie C, Marteniuk R, Jeannerod M: The coupling of arm and finger movements during prehension **79** 431 (1990)
Paulus W, Straube A, Krafczyk S, Brandt T: Differential effects of retinal target displacement, changing size and changing disparity in the control of anterior/posterior and lateral body sway **78** 243 (1989)
Pavlova GA → Arshavsky YI
Payne JN, Peace JM: Fluorometric comparisons of the retrograde axonal transport of true blue and diamidino yellow from the rat caudate-putamen **75** 169 (1989)
Peace JM → Payne JN
Pedotti A, Crenna P, Deat A, Frigo C, Massion J: Postural synergies in axial movements: short and long-term adaptation **74** 3 (1989)
Peet MJ → Magnuson DSK
Peet MJ → Mudrick LA
Pelak VS → Ungerleider LG
Pélisson D, Guitton D, Munoz DP: Compensatory eye and head movements generated by the cat following stimulation-induced perturbation in gaze position **78** 654 (1989)
Pelleg-Toiba R, Wollberg Z: Tuning properties of auditory cortex cells in the awake squirrel monkey **74** 353 (1989)
Perachio AA, Kevetter GA: Identification of vestibular efferent neurons in the gerbil: histochemical and retrograde labelling **78** 315 (1989)
Pérez D → Velasco JM
Perségol L, Jordan M, Viala D, Fernandez C: Evidence for central entrainment of the medullary respiratory pattern by the locomotor pattern in the rabbit **71** 153 (1988)
Perségol L → Palisses R
Persson A → Köhler C
Persson H → Lindefors N
Persson H → Seroogy K
Petersen SE, Robinson DL, Currie JN: Influences of lesions of parietal cortex on visual spatial attention in humans **76** 267 (1989)
Peterson BW → Kessner EA
Petrusz P → Jakab G
Petschke F → Mondadori C
Pettersson L-G → Alstermark B
Pettersson L-G → Cavallari P
Peusner KD, Giaume C: Electrophysiological study of the tangential vestibular nucleus of the chick embryo "in vitro" **74** 80 (1989)
Pfaff DW → Canonaco M
Pfaff DW → Cottingham SL
Pfaff DW → Fahrbach SE
Pfaff DW → Nishizuka M
Pfaff DW → Robbins A
Pfaff DW → Romano GJ
Phillips AG → Szostak C
Phillips J → Stelmach GE
Phillipson OT → Cornwall J
Phillipson OT → Jones MW
Piazza PV, Ferdico M, Russo D, Crescimanno G, Benigno A, Amato G: Facilitatory effect of ventral tegmental area A10 region on the attack behaviour in the cat: possible dopaminergic role in selective attention **72** 109 (1988)
Picanço-Diniz CW → Volchan E
Piehl F → Arvidsson U
Pierrot-Deseilligny E → Baldissera F
Pierrot-Deseilligny E → Dietz V
Pierrot-Deseilligny E → Forget R
Pinilla-Morillo M-J, Sanides D, Albus K: A long term study of axonal transport in the central visual system following eye enucleation in the adult cat **76** 463 (1989)
Plant T → Cody FWJ
Plassman BL, Gandevia SC: Comparison of human motor cortical projections to abdominal muscles and intrinsic muscles of the hand **78** 301 (1989)
Pockett S, Brookes NH, Bindman LJ: Long-term depression at synapses in slices of rat hippocampus can be induced by bursts of postsynaptic activity **80** 196 (1990)
Podreka I → Lang W
Pola J → Wyatt HJ
Politis MJ, Zanakis MF: Treatment of the damaged rat hippocampus with a locally applied electric field **71** 223 (1988)
Poltorak M, Freed WJ: Cerebellar allografts in brain of quaking mice **71** 163 (1988)
Pompeiano O → Neerven J van
Poon PWF, Sun X, Kamada T, Jen PH-S: Frequency and space representation in the inferior colliculus of the FM bat, *Eptesicus fuscus* **79** 83 (1990)
Porter LL, Sakamoto T, Asanuma H: Morphological and physiological identification of neurons in the cat motor cortex which receive direct input from the somatic sensory cortex **80** 209 (1990)
Post C → Freedman J
Poulain DA → Moos F
Poulain DA → Tasker JG
Powell DA, Levine-Bryce D: Conditioned bradycardia in the rabbit: effects of knife cuts and ibotenic acid lesions in the lateral hypothalamus **76** 103 (1989)
Powers RK → Blaschak MJ
Pozzo T → Clément G
Precht W → Hess BJM
Press W → Feldman D
Pretel S, Guinan MJ, Carstens E: Inhibition of the responses of cat dorsal horn neurons to noxious skin heating by stimulation in medial or lateral medullary reticular formation **72** 51 (1988)
Preuß A, Müller-Preuss P: Processing of amplitude modulated sounds in the medial geniculate body of squirrel monkeys **79** 207 (1990)
Pribram K → Berger D
Price J → Emson PC
Pritzel M, Kretz R, Rager G: Callosal projections between areas 17 in the adult tree shrew (*Tupaia belangeri*) **72** 481 (1988)
Proske U, Schaible H-G, Schmidt RF: Joint receptors and kinaesthesia **72** 219 (1988)
Proske U → Gregory JE
Proske U → Thompson S
Prud'homme M → Kalaska JF
Psarropoulou C → Kostopoulos G
Puil E → El-Beheiry H
Puil E → Miu P

Q

Qvist H: Demonstration of axonal branching of fibres from certain precerebellar nuclei to the cerebellar cortex and nuclei: a retrograde fluorescent double-labelling study in the cat **75** 15 (1989)

R

Raboisson P, Dallel R, Woda A: Responses of neurones in the ventrobasal complex of the thalamus to orofacial noxious stimulation after large trigeminal tractotomy **77** 569 (1989)
Radtke-Schuller S → Schuller G
Rager G → Pritzel M
Ramakers GJA, Corner MA, Habets AMMC: Development in the absence of spontaneous bioelectric activity results in increased stereotyped burst firing in cultures of dissociated cerebral cortex **79** 157 (1990)
Ramoa AS, Paradiso MA, Freeman RD: Blockade of intracortical inhibition in kitten striate cortex: effects on receptive field properties and associated loss of ocular dominance plasticity **73** 285 (1988)
Rampin C → Cespuglio R
Ramsay S → Harris NC
Rao K → Galli L
Rascol O → Dutar P
Ratto S → Reni L
Rausche G, Sarvey JM, Heinemann U: Slow synaptic inhibition in relation to frequency habituation in dentate granule cells of rat hippocampal slices **78** 233 (1989)
Rautio J → Kekoni J
Rawlins JNP, Feldon J, Tonkiss J, Coffey PJ: The role of subicular outputs in the development of the partial reinforcement extinction effect **77** 153 (1989)
Rawlins JNP → Coffey PJ
Rawlins JNP → Tonkiss J
Raymond J → Touati J
Redgrave P, Dean P, Mitchell IJ, Odekunle A, Clark A: The projection from superior colliculus to cuneiform area in the rat. I. Anatomical studies **72** 611 (1988)
Redgrave P → Keay KA
Redgrave P → Mitchell IJ
Reinoso BS, Castro AJ: A study of corticospinal remodelling using retrograde fluorescent tracers in rats **74** 387 (1989)
Relova JL, Padel Y: Short latency somaesthetic responses in motor cortex, transmitted through the spino-thalamic system, in the cat **75** 639 (1989)

Reni L, Ratto S, Abbruzzese G, Abbruzzese M, Favale E: Do muscle afferents contribute to the cervical response evoked by electrical stimulation of the median nerve in man? **72** 305 (1988)
Réthelyi M → Jakab G
Reymann KG, Schulzeck K, Kase H, Matthies H: Phorbol ester-induced hippocampal long-term potentiation is counteracted by inhibitors of protein kinase C **71** 227 (1988)
Reymann K → Hvalby Ø
Rhoades RW, Rohrer WH, Mooney RD, Ruiz S: The orientation of horizontal cell dendrites in the superior colliculus of the hamster: an analysis based on three-dimensional reconstruction of intracellularly injected neurons **76** 229 (1989)
Ribak CE → Seress L
Ribaupierre F de → Rouiller EM
Ribot E → Roll JP
Richard P → Moos F
Richards CD → Jacobson I
Richards J → Diana M
Richards S-J → Dunnett SB
Richards S-J → Liësi P
Riche D → Isacson O
Ridder III WH → Chino YM
Rinvik E → Walberg F
Rinvik E → Yingcharoen K
Risling M → Arvidsson U
Rissing R → Laouris Y
Rizzolatti G, Camarda R, Fogassi L, Gentilucci M, Luppino G, Matelli M: Functional organization of inferior area 6 in the macaqua monkey. II. Area F5 and the control of distal movements **71** 491 (1988)
Rizzolatti G → Gentilucci M
Robbins A, Schwartz-Giblin S, Pfaff DW: Ascending and descending projections to medullary reticular formation sites which activate deep lumbar back muscles in the rat **80** 463 (1990)
Robertson D → Harvey AR
Robinson DA → Leigh RJ
Robinson DL → Petersen SE
Rocha-Miranda CE → Volchan E
Rodman HR, Albright TD: Single-unit analysis of pattern-motion selective properties in the middle temporal visual area (MT) **75** 53 (1989)
Rodrigues PS, Guimarães APO, Azeredo FAM de, Martins-Ferreira H: Involvement of GABA and ACh in retinal spreading depression **73** 659 (1988)
Rodriguez F → Moos F
Roffwarg HP → Marks GA
Rogers DC, Martel FL, Dunnett SB: Nigral grafts in neonatal rats protect from aphagia induced by subsequent adult 6-OHDA lesions: the importance of striatal location **80** 172 (1990)
Rogers DC → Dunnett SB
Rogers RL → Papanicolaou AC
Rohrer WH → Rhoades RW
Roll JP, Vedel JP, Ribot E: Alteration of proprioceptive messages induced by tendon vibration in man: a microneurographic study **76** 213 (1989)
Rolls ET, Baylis GC, Hasselmo ME, Nalwa V: The effect of learning on the face selective responses of neurons in the cortex in the superior temporal sulcus of the monkey **76** 153 (1989)
Rolls ET → Hasselmo ME
Rolls ET → Wilson FAW
Romaiguère P, Vedel J-P, Pagni S, Zenatti A: Physiological properties of the motor units of the wrist extensor muscles in man **78** 51 (1989)
Romano GJ, Bonner TI, Pfaff DW: Preprotachykinin gene expression in the mediobasal hypothalamus of estrogen-treated and ovariectomized control rats **76** 21 (1989)
Romo R → Schultz W
Roots BI → Matheson DF
Rosa MGP, Gattass R, Fiorani Jr. M: Complete pattern of ocular dominance stripes in V1 of a New World monkey, *Cebus apella* **72** 645 (1988)
Rösblad B → Woollacott MH
Rose SPR → Patterson TA
Rosenthal P → Alloway KD
Rossi A, Mazzocchio R: Cutaneous control of group I pathways from ankle flexors to extensors in man **73** 8 (1988)
Rossi F, Chelazzi L, Tempia F, Strata P: Effects of ethanol and imidazobenzodiazepine Ro 15-4513 on spontaneous saccades of the pigmented rat **76** 1 (1989)
Røste GK: Non-motoneurons in the facial and motor trigeminal nuclei projecting to the cerebellar flocculus in the cat: a fluorescent double-labelling and WGA-HRP study **75** 295 (1989)
Rothe F, Wolf G: Changes in glutamate-related enzyme activities in the striatum of the rat following lesion of corticostriatal fibres **79** 400 (1990)
Rouiller EM, Ribaupierre F de: Note on the tonotopic organization in the cat medial geniculate body: influence of sampling of units **74** 220 (1989)
Rouiller EM, Innocenti GM, De Ribaupierre F: Interconnections of the auditory cortical fields of the cat with the cingulate and parahippocampal cortices **80** 501 (1990)
Rude SA, Baker JF: Dynamic otolith stimulation improves the low frequency horizontal vestibulo-ocular reflex **73** 357 (1988)
Rudomin P → Jiménez I
Ruegg DG: Ia afferents of the antagonist are inhibited presynaptically before the onset of a ballistic muscle contraction in man **74** 663 (1989)
Rüegg DG, Bongioanni F: Superposition of ballistic on steady contractions in man **77** 412 (1989)
Ruijter J → Bingmann D
Ruiz S → Rhoades RW
Ruiz-Marcos A, Cartagena Abella P, García García A, Escobar del Rey F, Morreale de Escobar G: Rapid effects of adult-onset hypothyroidism on dendritic spines of pyramidal cells of the rat cerebral cortex **73** 583 (1988)
Rushmer DS, Moore SP, Windus SL, Russell CJ: Automatic postural responses in the cat: responses of hindlimb muscles to horizontal perturbations of stance in multiple directions **71** 93 (1988)
Rushmer DS → Moore SP
Russell CJ → Rushmer DS
Russo D → Piazza PV
Rustioni A → Giuffrida R
Rutherford A, Gracia-Munoz M, Arbuthnott GW: An afterhyperpolarization recorded in striatal cells 'in vitro': effect of dopamine administration **71** 399 (1988)
Ryan LJ, Diana M, Young SJ, Groves PM: Dopamine D1 heteroreceptors on striatonigral axons are not stimulated by endogeneous dopamine either tonically or after amphetamine: evidence from terminal excitability **77** 161 (1989)
Ryba N, Uhl R: In vitro dark adaptation and preservation of electrical light responses in the retina from bovine eyes **74** 618 (1989)
Rydenhag B → Olausson B
Rymer WZ → Blaschak MJ
Rymer WZ → Schotland JL

S

Sabel BA, Schneider GE: Enhanced sprouting of retinotectal fibers after early superior colliculus lesions in hamsters treated with gangliosides **71** 365 (1988)
Sabel BA, Schneider GE: The principle of "conservation of total axonal arborizations": massive compensatory sprouting in the hamster subcortical visual system after early tectal lesions **73** 505 (1988)
Saito H, Tanaka K, Isono H, Yasuda M, Mikami A: Directionally selective response of cells in the middle temporal area (MT) of the macaque monkey to the movement of equiluminous opponent color stimuli **75** 1 (1989)
Sakai K → El Mansari M
Sakai ST: Corticonigral projections from area 6 in the raccoon **73** 498 (1988)
Sakai ST: Corticospinal projections from areas 4 and 6 in the raccoon **79** 240 (1990)
Sakamoto T → Porter LL
Salamon I → Jakab G
Salmon P → Stanford SC
Salonen E-M → Liësi P
Salt TE, Eaton SA: Function of non-NMDA receptors and NMDA receptors in synaptic responses to natural somatosensory stimulation in the ventrobasal thalamus **77** 646 (1989)
Samejima A → Yamamoto T
Sanchez RM → Levitt JB
Sanes JN, Suner S, Donoghue JP: Dynamic organization of primary motor cortex output to target muscles in adult rats. I. Long-term patterns of reorganization following motor or mixed peripheral nerve lesions **79** 479 (1990)
Sanes JN → Donoghue JP
Sanides D → Pinilla-Morillo M-J
Santangelo F → Licata F
Saphier D, Feldman S: Paraventricular nucleus neuronal responses following electrical stimulation of the midbrain dorsal

raphe: evidence for cotransmission **78** 407 (1989)
Saphier D → Ovadia H
Sapolsky R → Miller MM
Sarda N → Cespuglio R
Sarvey JM → Rausche G
Sasaki H → Otake K
Sasaki M → Hashimoto I
Sasaki S → Iwamoto Y
Sato T: Interactions of visual stimuli in the receptive fields of inferior temporal neurons in awake macaques **77** 23 (1989)
Sato T → Matsumoto N
Satoh S → Uchino Y
Sawa M → Ohtsuka K
Sawada S, Higashima M, Yamamoto C: Kainic acid induces long-lasting depolarizations in hippocampal neurons only when applied to stratum lucidum **72** 135 (1988)
Sawaguchi T, Matsumura M, Kubota K: Delayed response deficits produced by local injection of bicuculline into the dorsolateral prefrontal cortex in Japanese macaque monkeys **75** 457 (1989)
Sawai H → Morigiwa K
Saydjari C → Papanicolaou AC
Scarnati E → Schultz W
Schady WJL → Schmidt RF
Schaible H-G → Heinemann U
Schaible H-G → Proske U
Schalling M → Seroogy K
Scheynikov NA → Batuev AS
Schieppati M, Di Francesco G, Nardone A: Patterns of activity of perioral facial muscles during mastication in man **77** 103 (1989)
Schieppati M → Nardone A
Schiff D, Cohen B, Büttner-Ennever J, Matsuo V: Effects of lesions of the nucleus of the optic tract on optokinetic nystagmus and after-nystagmus in the monkey **79** 225 (1990)
Schild D: Whole-cell currents in olfactory receptor cells of *Xenopus laevis* **78** 223 (1989)
Schlag J, Schlag-Rey M, Dassonville P: Interactions between natural and electrically evoked saccades. II. At what time is eye position sampled as a reference for the localization of a target? **76** 548 (1989)
Schlag J → Schlag-Rey M
Schlag J → Shook BL
Schlag-Rey M, Schlag J, Shook B: Interactions between natural and electrically evoked saccades. I. Differences between sites carrying retinal error and motor error signals in monkey superior colliculus **76** 537 (1989)
Schlag-Rey M → Schlag J
Schlag-Rey M → Shook BL
Schleicher A → Schmolke C
Schlessinger D → Seroogy K
Schmidt BJ, Meyers DER, Fleshman JW, Tokuriki M, Burke RE: Phasic modulation of short latency cutaneous excitation in flexor digitorum longus motoneurons during fictive locomotion **71** 568 (1988)
Schmidt BJ, Meyers DER, Tokuriki M, Burke RE: Modulation of short latency cutaneous excitation in flexor and extensor motoneurons during fictive locomotion in the cat **77** 57 (1989)
Schmidt RF, Schady WJL, Torebjörk HE: Gating of tactile input from the hand. I. Effects of finger movement **79** 97 (1990)
Schmidt RF, Torebjörk HE, Schady WJL: Gating of tactile input from the hand. II. Effects of remote movements and anaesthesia **79** 103 (1990)
Schmidt RF → Heinemann U
Schmidt RF → Proske U
Schmied A → Dormont JF
Schmolke C, Schleicher A: Structural inhomogeneity in the neuropil of lamina II/III in rabbit visual cortex **77** 39 (1989)
Schneider GE → Northmore DPM
Schneider GE → Sabel BA
Schniewind A → Flügge G
Scholfield CN → Gracey A
Schomburg ED, Steffens H: The effect of DOPA and clonidine on reflex pathways from group II muscle afferents to α-motoneurones in the cat **71** 442 (1988)
Schönle P → Benecke R
Schotland JL, Lee WA, Rymer WZ: Wipe and flexion withdrawal reflexes display different EMG patterns prior to movement onset in the spinalized frog **78** 649 (1989)
Schousboe A → Bouchelouche P
Schuller G, Radtke-Schuller S: Neural control of vocalization in bats: mapping of brainstem areas with electrical microstimulation eliciting species-specific echolocation calls in the rufous horseshoe bat **79** 192 (1990)
Schultz W, Romo R: Neuronal activity in the monkey striatum during the initiation of movements **71** 431 (1988)
Schultz W, Romo R, Scarnati E, Sundström E, Jonsson G, Studer A: Saccadic reaction times, eye-arm coordination and spontaneous eye movements in normal and MPTP-treated monkeys **78** 253 (1989)
Schultze B → Korr H
Schulzeck K → Reymann KG
Schwarcz R → Turski WA
Schwark HD, Jones EG: The distribution of intrinsic cortical axons in area 3b of cat primary somatosensory cortex **78** 501 (1989)
Schwartz AB → Georgopoulos AP
Schwartz-Giblin S → Robbins A
Schwarz U → Vilis T
Scobey RP, Gabor AJ: Orientation discrimination sensitivity of single units in cat primary visual cortex **77** 398 (1989)
Scopsi L → Ottersen OP
Sedvall G → Köhler C
Segovia J → Lindefors N
Seiger Å → Henschen AF
Seitz RJ, Lipfert P, Willrich A, Himmelmann F: Toxic effects of triethyldodecylammoniumbromide (TEA-C_{12}) on myelinated nerve fibers and blood-nerve barrier in the mouse **74** 293 (1989)
Semenza P → Guandalini P
Serapide MF → Cicirata F
Seress L, Frotscher M, Ribak CE: Local circuit neurons in both the dentate gyrus and Ammon's horn establish synaptic connections with principal neurons in five day old rats: a morphological basis for inhibition in early development **78** 1 (1989)
Seroogy K, Schalling M, Brené S, Dagerlind Å, Chai SY, Hökfelt T, Persson H, Brownstein M, Huan R, Dixon J, Filer D, Schlessinger D, Goldstein M: Cholecystokinin and tyrosine hydroxylase messenger RNAs in neurons of rat mesencephalon: peptide/monoamine coexistence studies using in situ hybridization combined with immunocytochemistry **74** 149 (1989)
Seroogy K, Tsuruo Y, Hökfelt T, Walsh J, Fahrenkrug J, Emson PC, Goldstein M: Further analysis of presence of peptides in dopamine neurons. Cholecystokinin, peptide histidine-isoleucine/vasoactive intestinal polypeptide and substance P in rat supramammillary region and mesencephalon **72** 523 (1988)
Seth S → Doucet G
Seto-Ohshima A, Emson PC, Berchtold MW, Heizmann CW: Localization of parvalbumin mRNA in rat brain by in situ hybridization histochemistry **75** 653 (1989)
Shannon R → Hernandez YM
Share L → Iitake K
Sharpe LT → Oehler R
Shaw NA: Central auditory conduction time in the rat **79** 217 (1990)
Shefchyk S, McCrea D, Kriellaars D, Fortier P, Jordan L: Activity of interneurons within the L4 spinal segment of the cat during brainstem-evoked fictive locomotion **80** 290 (1990)
Sherin JE → Feldman D
Sherk H, Ombrellaro M: The retinotopic match between area 17 and its targets in visual suprasylvian cortex **72** 225 (1988)
Sherman SM, Friedlander MJ: Identification of X versus Y properties for interneurons in the A-laminae of the cat's lateral geniculate nucleus **73** 384 (1988)
Shields C → Heywood CA
Shimada S, Inagaki S, Kubota Y, Kito S, Funaki H, Takagi H: Light and electron microscopic studies of calcitonin gen-related peptide-like immunoreactive terminals in the central nucleus of the amygdala and the bed nucleus of the stria terminalis of the rat **77** 217 (1989)
Shimazu H → Ohki Y
Shimizu K → Hayashi M
Shimo-oku M → Yamagata Y
Shindo M → Forget R
Shipley C → Altafullah I
Shirokawa T, Nishigori A, Kimura F, Tsumoto T: Actions of excitatory amino acid antagonists on synaptic potentials of layer II/III neurons of the cat's visual cortex **78** 489 (1989)
Shoham S → Emson PC
Shook BL, Schlag-Rey M, Schlag J: Direct projection from the supplementary eye field to the nucleus raphe interpositus **73** 215 (1988)
Shook B → Schlag-Rey M

Shyu BC → Olausson B
Shyu B-C → Olausson B
Sibony PA → Evinger C
Sierra A → Galarraga E
Siesjö BK → Lindvall O
Simpson WA → Howard IP
Sims TJ, Gilmore SA: Interactions between Schwann cells and CNS axons following a delay in the normal formation of central myelin **75** 513 (1989)
Sinden JD, Jarrard LE, Gray JA: The effects of intra-subicular ibotenate on resistance to extinction after continuous or partial reinforcement **73** 315 (1988)
Sinden J → Coffey PJ
Singer W → Buhl EH
Singer W → Löwel S
Singer W → Stichel CC
Sinkjaer T → Toft E
Sireteanu R, Fronius M: Human amblyopia: structure of the visual field **79** 603 (1990)
Skagerberg G → Kalén P
Skinner JE → Gray CM
Skirboll S → Eriksdotter-Nilsson M
Skrandies W, Wässle H: Dopamine and serotonin in cat retina: electroretinography and histology **71** 231 (1988)
Smit AC, Van Gisbergen JAM: A short-latency transition in saccade dynamics during square-wave tracking and its significance for the differentiation of visually-guided and predictive saccades **76** 64 (1989)
Smit AC → Van Opstal AJ
Smith AD → Bacon SJ
Smith AT → Hammond P
Smith EL III → Crawford MLJ
Smith EL III → Harwerth RS
Smith EL III → Levitt JB
Smith JL → Koshland GF
Smith JL → Wisleder D
Snyder AZ → Erickson RG
So K-F → Cho EYP
Soechting JF, Lacquaniti F: An assessment of the existence of muscle synergies during load perturbations and intentional movements of the human arm **74** 535 (1989)
Sofroniew MV → Isacson O
Solodkin M → Jiménez I
Somogyi P → Buzsàki G
Somogyi P → Ottersen OP
Sonderen JF van, Denier van der Gon JJ, Gielen CCAM: Conditions determining early modification of motor programmes in response to changes in target location **71** 320 (1988)
Sonderen JF van, Gielen CCAM, Denier van der Gon JJ: Motor programmes for goal-directed movements are continuously adjusted according to changes in target location **78** 139 (1989)
Sørensen JC → Tønder N
Sørensen T → Tønder N
Soriano E → Welker E
Soukup T → Paleček J
Sparenborg S → Gabriel M
Speciale SG → Marks GA
Speckmann E-J → Bingmann D
Spence MS → Huffaker TK
Spencer RF → Beninato M
Spidalieri G → Guandalini P
Spileers W → Vogels R
Sprague JM → Orban GA
Stålberg E → Winkler T
Stanfield BB: Evidence that dorsal locus coeruleus neurons can maintain their spinal cord projection following neonatal transection of the dorsal adrenergic bundle in rats **78** 533 (1989)
Stanfield BB, O'Leary DDM: Neurons in the rat subiculum with transient postmammillary collaterals during development maintain projections to the mamillary complex **72** 185 (1988)
Stanfield BB, Trice JE: Evidence that granule cells generated in the dentate gyrus of adult rats extend axonal projections **72** 399 (1988)
Stanford SC, Salmon P: Neurochemical correlates of behavioural responses to frustrative nonreward in the rat: implications for the role of central noradrenergic neurones in behavioural adaptation to stress **75** 133 (1989)
Stanton PK, Mody I, Heinemann U: A role for N-methyl-D-aspartate receptors in norepinephrine-induced long-lasting potentiation in the dentate gyrus **77** 517 (1989)
Stanzione P, Stefani A, Calabresi P, Mercuri NB, Bernardi G: Met- and leu-enkephalins inhibit rat cortical neurons intracellularly recorded in vivo while morphine excites them: evidence for naloxone-sensitive and naloxone-insensitive effects **77** 302 (1989)
Steen J van der → Neerven J van
Stefani A → Stanzione P
Steffens H → Schomburg ED
Stein JJ → Berson DM
Stein RB → Capaday C
Steinbusch HWM → Luijtelaar MGPA van
Steiner H, Weiler H-T, Morgan S, Huston JP: Asymmetries in crossed and uncrossed nigrostriatal projections dependent on duration of unilateral removal of vibrissae in rats **77** 421 (1989)
Steiner M → Lang W
Stelmach GE, Teasdale N, Phillips J, Worringham CJ: Force production characteristics in Parkinson's disease **76** 165 (1989)
Stevens HPJD → Verburgh CA
Stewart M, Fox SE: Firing relations of medial septal neurons to the hippocampal theta rhythm in urethane anesthetized rats **77** 507 (1989)
Stewart M, Fox SE: Firing relations of lateral septal neurons to the hippocampal theta rhythm in urethane anesthetized rats **79** 92 (1990)
Stewart MG → Hunter A
Stichel CC, Singer W: Localization of isoenzymes II/III of protein kinase C in the rat visual cortex (area 17), hippocampus and dentate gyrus **72** 443 (1988)
Stoerig P → Cowey A
Stoney SD Jr: Limitations on impulse conduction at the branch point of afferent axons in frog dorsal root ganglion **80** 512 (1990)
Storm-Mathisen J → Ottersen OP
Storm-Mathisen J → Yingcharoen K
Strassman A → Mason P
Strata P → Rossi F
Straube A → Paulus W
Strauß G → Kiefer W
Straznicky C, Tóth P, Nguyen VS: Morphological classification and retinal distribution of large ganglion cells in the retina of *Bufo marinus* **79** 345 (1990)
Straznicky C → Nguyen VS
Strecker RE, Miao R, Loring JF: Survival and function of aggregate cultures of rat fetal dopamine neurons grafted in a rat model of Parkinson's disease **76** 315 (1989)
Strecker RE → Brundin P
Strecker RE → Clarke DJ
Strecker RE → Doucet G
Strecker RE → Forni C
Strecker RE → Huffaker TK
Streit P → Hendry SHC
Strick PL → Hutchins KD
Stricker C → Lüscher H-R
Strömberg I → Henschen AF
Studer A → Schultz W
Stuesse SL, Newman DB: Projections from the medial agranular cortex to brain stem visuomotor centers in rats **80** 532 (1990)
Suess E → Lang W
Sugiura Y → Hosoya Y
Summerfield A → Dunnett SB
Summers TR → Bekoff A
Sun X → Poon PWF
Sundström E → Freedman J
Sundström E → Schultz W
Suner S → Donoghue JP
Suner S → Sanes JN
Suomi S → Murray EA
Sutherland RJ → McNaughton BL
Suzuki I → Iwamoto Y
Suzuki I → Ohki Y
Suzuki TA → Matsumoto N
Suzuki Y → Fukushima K
Swindale NV → Diao Y-c
Szostak C, Jakubovic A, Phillips AG, Fibiger HC: Neurochemical correlates of conditioned circling within localized regions of the striatum **75** 430 (1989)

T

Tadokoro Y → Honda K
Takács J → Hámori J
Takagi H → Shimada S
Takagi H → Tamiya R
Takakusaki K, Ohta Y, Mori S: Single medullary reticulospinal neurons exert postsynaptic inhibitory effects via inhibitory interneurons upon alpha-motoneurons innervating cat hindlimb muscles **74** 11 (1989)
Takata M → Tomomune N
Takeda T, Maekawa K: Olivary branching projections to the flocculus, nodulus and uvula in the rabbit. I. An electrophysiological study **74** 47 (1989)
Takeda T, Maekawa K: Olivary branching projections to the flocculus, nodulus, and uvula in the rabbit. II. Retrograde double

labeling study with fluorescent dyes **76** 323 (1989)
Tamiya R, Hanada M, Narita N, Inagaki S, Tohyama M, Takagi H: Histaminergic neurons receive substance P-ergic inputs in the posterior hypothalamus of the rat **79** 261 (1990)
Tamura H, Hicks TP, Hata Y, Tsumoto T, Yamatodani A: Release of glutamate and aspartate from the visual cortex of the cat following activation of afferent pathways **80** 447 (1990)
Tanaka J: Involvement of the median preoptic nucleus in the regulation of paraventricular vasopressin neurons by the subfornical organ in the rat **76** 47 (1989)
Tanaka K → Saito H
Tanaka R → Forget R
Tanaka R → Komiyama T
Taniuchi I → Inagaki N
Taoka N → Yamagata Y
Tasker JG, Theodosis DT, Poulain DA: The effects of neonatal capsaicin treatment on the sensory innervation of the nipple and on the milk ejection reflex in the rat **73** 32 (1988)
Tax AAM, Denier van der Gon JJ, Gielen CCAM, Kleyne M: Differences in central control of m. biceps brachii in movement tasks and force tasks **79** 138 (1990)
Tax AAM, Denier van der Gon JJ, Gielen CCAM, Tempel CMM van den: Differences in the activation of m. biceps brachii in the control of slow isotonic movements and isometric contractions **76** 55 (1989)
Teasdale N → Stelmach GE
Telford L, Frost BJ: Functional activity in the accessory optic system during visual, vestibular and visual-vestibular stimulation in the pigeon **77** 391 (1989)
Tell F, Fagni L, Jean A: Neurons of the nucleus tractus solitarius, in vitro, generate bursting activities by solitary tract stimulation **79** 436 (1990)
Tempel CMM van den → Tax AAM
Tempia F → Rossi F
Terenius L → Arvidsson U
Terenius L → Freedman J
Terenius L → Millhorn DE
Thanos S → Bähr M
Theodorsson E → Köhler C
Theodorsson E → Meister B
Theodosis DT → Tasker JG
Thibault J → Aldes LD
Thilmann AF → Fellows SJ **77** 135 (1989)
Thompson LA → Walker JM
Thompson S, Gregory JE, Proske U: Errors in force estimation can be explained by tendon organ desensitization **79** 365 (1990)
Thorn BE, Applegate L, Jones K: The relative efficacy monopolar vs. bipolar electrodes in stimulation-produced analgesia **79** 266 (1990)
Tiihonen J → Hari R
Tiligada E, Wilson JF: D2- but not D1-dopamine receptors are involved in the inhibitory control of alpha-melanocyte-stimulating hormone release from the rat hypothalamus **74** 645 (1989)
Timney B, Landsdown G: Binocular depth perception, visual acuity and visual fields in cats following neonatal section of the optic chiasm **74** 272 (1989)
Toda K → Inagaki N
Toffano G → Commissiong JW
Toft E, Sinkjaer T, Andreassen S: Mechanical and electromyographic responses to stretch of the human anterior tibial muscle at different levels of contraction **74** 213 (1989)
Tohyama M → Inagaki N
Tohyama M → Tamiya R
Tohyama M → Yamano M
Tokuno H → Moriizumi T
Tokuriki M → Schmidt BJ
Tolhurst DJ, Dean AF: The effects of contrast on the linearity of spatial summation of simple cells in the cat's striate cortex **79** 582 (1990)
Tomomune N, Takata M: Excitatory and inhibitory postsynaptic potentials in cat hypoglossal motoneurons during swallowing **71** 262 (1988)
Tønder N, Sørensen JC, Bakkum E, Danielsen E, Zimmer J: Hippocampal neurons grafted to newborn rats establish efferent commissural connections **72** 577 (1988)
Tønder N, Sørensen T, Zimmer J: Enhanced host perforant path innervation of neonatal dentate tissue after grafting to axon sparing, ibotenic acid lesions in adult rats **75** 483 (1989)
Tønder N, Sørensen T, Zimmer J, Jørgensen MB, Johansen FF, Diemer NH: Neural grafting to ischemic lesions of the adult rat hippocampus **74** 512 (1989)
Tonkiss J, Morris RGM, Rawlins JNP: Intraventricular infusion of the NMDA antagonist AP5 impairs performance on a non-spatial operant DRL task in the rat **73** 181 (1988)
Tonkiss J → Rawlins JNP
Tonnaer JADM → Luijtelaar MGPA van
Torebjörk HE → Schmidt RF
Törk I → Baker KG
Törk I → Hornung J-P
Tossman U → Lindefors N
Tóth P → Straznicky C
Touati J, Raymond J, Demêmes D: Quantitative autoradiographic characterization of L[^{3}H] glutamate binding sites in rat vestibular nuclei **76** 646 (1989)
Trenkova G → Gerilovsky L
Triarhou LC, Brundin P, Doucet G, Norton J, Björklund A, Ghetti B: Intrastriatal implants of mesencephalic cell suspensions in weaver mutant mice: ultrastructural relationships of dopaminergic dendrites and axons issued from the graft **79** 3 (1990)
Triarhou LC → Chang AC
Triarhou LC → Doucet G
Trice JE → Stanfield BB
Trombley PQ → Allen EE
Trott JR, Apps R, Armstron DM: Topographical organisation within the cerebellar nucleocortical projection to the paravermal cortex of lobule Vb/c in the cat **80** 415 (1990)
Trottier S → Esclapez M
Trulsson M → Johansson RS
Tsumoto T → Shirokawa T
Tsumoto T → Tamura H
Tsuruo Y → Seroogy K
Tsvetinov P → Gerilovsky L
Tukeva T → Kekoni J
Tuller B, Kelso JAS: Environmentally-specified patterns of movement coordination in normal and split-brain subjects **75** 306 (1989)
Türker KS → Miles TS
Turski WA, Schwarcz R: On the disposition of intrahippocampally injected kynurenic acid in the rat **71** 563 (1988)

U

Uchino Y, Isu N, Ichikawa T, Satoh S, Watanabe S: Properties and localization of the anterior semicircular canal-activated vestibulocollic neurons in the cat **71** 345 (1988)
Udin SB: Plasticity in the ipsilateral visuotectal projection persists after lesions of one nucleus isthmi in *Xenopus* **79** 338 (1990)
Uhl F → Lang W
Uhl R → Ryba N
Ulfhake B → Arvidsson U
Ulfhake B → Gollvik L
Ungerleider LG, Gaffan D, Pelak VS: Projections from inferior temporal cortex to prefrontal cortex via the uncinate fascicle in rhesus monkeys **76** 473 (1989)
Ungerstedt U → Lindefors N
Uylings HBM → Kalsbeek A

V

Vaadia E → Gottlieb Y
Vaheri A → Liësi P
Van den Hoven J → Ellenbroek BA
Van der Loos H → Welker E
Van Gisbergen JAM → Smit AC
Van Gisbergen JAM → Van Opstal AJ
Van Opstal AJ, Van Gisbergen JAM, Smit AC: Comparison of saccades evoked by visual stimulation and collicular electrical stimulation in the alert monkey **79** 299 (1990)
Vandenbussche E → Orban GA
Vanselow J → Bähr M
Vardar U → Lüscher H-R
Varon S → Gage FH
Vassilev A, Zlatkova M, Mitova L: Length and width summation in human vision at different background levels **74** 421 (1989)
Vedel JP → Roll JP
Vedel J-P → Romaiguère P
Vejsada R → Paleček J
Velasco JM, Fernandez de Molina A, Pérez D: Suprarhinal cortex response to electrical stimulation of the lateral amygdala nucleus in the rat **74** 168 (1989)
Ventre J, Faugier-Grimaud S: Projections of the temporo-parietal cortex on vestibular complex in the macaque monkey (*Macaca fascicularis*) **72** 653 (1988)
Verberne AJM, Beart PM, Louis WJ: Excit-

atory amino acid receptors in the caudal ventrolateral medulla mediate a vagal cardiopulmonary reflex in the rat **78** 185 (1989)
Verburgh CA, Kuypers HGJM, Voogd J, Stevens HPJD: Spinocerebellar neurons and propriospinal neurons in the cervical spinal cord: a fluorescent double-labeling study in the rat and the cat **75** 73 (1989)
Verburgh CA, Voogd J, Kuypers HGJM, Stevens HPJD: Propriospinal neurons with ascending collaterals to the dorsal medulla, the thalamus and the tectum: a retrograde fluorescent double-labeling study of the cervical cord of the rat **80** 577 (1990)
Vercher J-L, Gauthier GM: Cerebellar involvement in the coordination control of the oculo-manual tracking system: effects of cerebellar dentate nucleus lesion **73** 155 (1988)
Vercher J-L → Gauthier GM
Verhofstad AAJ → Millhorn DE
Verhofstad A → Freedman J
Vertes RP, Fass B: Projections between the interpeduncular nucleus and basal forebrain in the rat as demonstrated by the anterograde and retrograde transport of WGA-HRP **73** 23 (1988)
Viala D → Palisses R
Viala D → Perségol L
Vicario D → Hening W
Vidal PP → De Waele C
Vilis T, Hepp K, Schwarz U, Henn V: On the generation of vertical and torsional rapid eye movements in the monkey **77** 1 (1989)
Villar MJ → Wiesenfeld-Hallin Z
Vinay L, Padel Y: Spatio-temporal organization of the somaesthetic projections in the red nucleus transmitted through the spino-rubral pathway in the cat **79** 412 (1990)
Vincent J-D → Moos F
Vogels R, Spileers W, Orban GA: The response variability of striate cortical neurons in the behaving monkey **77** 432 (1989)
Vogt BA, Hedberg TG: Autoradiographic localization of muscimol and baclofen binding sites in rodent cingulate cortex **71** 208 (1988)
Volchan E, Bernardes RF, Rocha-Miranda CE, Gleiser L, Gawryszewski G: The ipsilateral field representation in the striate cortex of the opossum **73** 297 (1988)
Volchan E, Rocha-Miranda CE, Picanço-Diniz CW, Zinsmeisser B, Bernardes RF, Franca JG: Visual response properties of pretectal units in the nucleus of the optic tract of the opossum **78** 380 (1989)
Voogd J → Epema AH
Voogd J → Verburgh CA

W

Wada H → Inagaki N
Wadman WJ → Kamphuis W
Waitzman DM, Ma TP, Optican LM, Wurtz RH: Superior colliculus neurons provide the saccadic motor error signal **72** 649 (1988)
Wakakuwa K → Morigiwa K
Walberg F, Ottersen OP, Rinvik E: GABA, glycine, aspartate, glutamate and taurine in the vestibular nuclei: an immunocytochemical investigation in the cat **79** 547 (1990)
Waldron JNB, Ghosh S, Zarzecki P: Multiple inputs to a population of thalamocortical neurons projecting to cat somatosensory cortex **74** 105 (1989)
Walker JM, Bowen WD, Thompson LA, Frascella J, Lehmkuhle S, Hughes HC: Distribution of opiate receptors within visual structures of the cat brain **73** 523 (1988)
Walker RH, Arbuthnott GW, Wright AK: Electrophysiological and anatomical observations concerning the pallidostriatal pathway in the rat **74** 303 (1989)
Wallace MN, Fredens K: Origin of high acetylcholinesterase activity in the mouse superior colliculus **72** 335 (1988)
Wallace MN, Fredens K: Relationship of afferent inputs to the lattice of high NADPH-diaphorase activity in the mouse superior colliculus **78** 435 (1989)
Walsh J → Seroogy K
Wan RQ → Doudet DJ
Wang Q, Mao LM, Han JS: Naloxone-reversible analgesia produced by microstimulation of the arcuate nucleus of the hypothalamus in pentobarbital-anesthetized rats **80** 201 (1990)
Wardley-Smith B → Millan MH
Wässle H → Skrandies W
Watanabe M: Prefrontal unit activity during associative learning in the monkey **80** 296 (1990)
Watanabe S → Uchino Y
Watanabe T → Inagaki N
Waters RS → McCandlish C
Webb C → Kapoor R
Weber H → Fischer B
Wehrhahn C, Westheimer G: How vernier acuity depends on contrast **80** 618 (1990)
Weidenfeld J → Ovadia H
Weiler H-T → Steiner H
Weinberg H → Cheyne D
Weiskrantz L → Mondadori C
Welker E, Hoogland PV, Van der Loos H: Organization of feedback and feedforward projections of the barrel cortex: a PHA-L study in the mouse **73** 411 (1988)
Welker E, Soriano E, Dörfl J, Van der Loos H: Plasticity in the barrel cortex of the adult mouse: transient increase of GAD-immunoreactivity following sensory stimulation **78** 659 (1989)
Welker E, Soriano E, Van der Loos H: Plasticity in the barrel cortex of the adult mouse: effects of peripheral deprivation on GAD-immunoreactivity **74** 441 (1989)
Werner J, Bienek A: Loss and restoration of preoptic thermoreactiveness after lesions of the rostral raphe nuclei **80** 429 (1990)
Westberg K-G → Johansson RS
Westheimer G → Wehrhahn C
Westling G → Johansson RS
Whittaker VP → Agoston DV
Widner H, Brundin P, Björklund A, Möller E: Survival and immunogenicity of dissociated allogeneic fetal neural dopamine-rich grafts when implanted into the brains of adult mice **76** 187 (1989)
Widner H → Brundin P
Wiesenfeld-Hallin Z, Kinnman E, Aldskogius H: Expansion of innervation territory by afferents involved in plasma extravasation after nerve regeneration in adult and neonatal rats **76** 88 (1989)
Wiesenfeld-Hallin Z, Villar MJ, Hökfelt T: Intrathecal galanin at low doses increases spinal reflex excitability in rats more to thermal than mechanical stimuli **71** 663 (1988)
Wiesner J → Buzsáki G
Wiklund L → Kalén P
Wikström A-C → Ceccatelli S
Wild H → Berger D
Willrich A → Seitz RJ
Wilson CJ → Emson PC
Wilson FAW, Rolls ET: Neuronal responses related to the novelty and familiarity of visual stimuli in the substantia innominata, diagonal band of Broca and periventricular region of the primate basal forebrain **80** 104 (1990)
Wilson JF → Tiligada E
Wilson VJ → Yates BJ
Windhorst U → Laouris Y
Windus SL → Moore SP
Windus SL → Rushmer DS
Winkler T, Stålberg E: Surface anodal stimulation of human peripheral nerves **73** 481 (1988)
Wise SP → Kurata K
Wisleder D, Zernicke RF, Smith JL: Speed-related changes in hindlimb intersegmental dynamics during the swing phase of cat locomotion **79** 651 (1990)
Witte OW → Domann R
Woda A → Raboisson P
Wolf G → Rothe F
Wolfson B, Gutnick MJ, Baldino F Jr: Electrophysiological characteristics of neurons in neocortical explant cultures **76** 122 (1989)
Wolfson B → Gutnick MJ
Wollberg Z → Pelleg-Toiba R
Wolpaw JR, Lee CL, Calaitges JG: Operant conditioning of primate triceps surae H-reflex produces reflex asymmetry **75** 35 (1989)
Woollacott MH, Hosten C von, Rösblad B: Relation between muscle response onset and body segmental movements during postural perturbations in humans **72** 593 (1988)
Woollacott MH → Hansen PD
Woollacott MH → Keshner EA
Wörgötter F, Eysel UT: Axis of preferred motion is a function of bar length in visual cortical receptive fields **76** 307 (1989)
Worringham CJ → Stelmach GE
Wright AK → Walker RH
Wróbel A → Lindström S
Wu J-Y → Kosaka K
Wu J-Y → Kosaka T
Wurtz RH → Waitzman DM

Wyatt HJ, Pola J: Predictive behavior of optokinetic eye movements **73** 615 (1988)
Wyatt HJ, Pola J, Lustgarten M: The oculomotor "twitch" a transient response to target motion **76** 581 (1989)

X

Xu Q, Grant G: Collateral projections of neurons from the lower part of the spinal cord to anterior and posterior cerebellar termination areas. A retrograde fluorescent double labeling study in the cat **72** 562 (1988)
Xu Q → Grant G

Y

Yagi K → Onaka T
Yajima Y, Hayashi Y: Response properties and tonotopical organization in the dorsal cochlear nucleus in rats **75** 381 (1989)
Yamada M → Yasui S
Yamagata Y, Matsuno K, Taoka N, Shimooku M: Common interneurones mediating cortical and tectal excitation of abducens motoneurones in the cat **71** 279 (1988)
Yamamoto C, Ohtsuki T: Modulation of stretch reflex by anticipation of the stimulus through visual information **77** 12 (1989)
Yamamoto C → Sawada S
Yamamoto T, Matsuo R, Kiyomitsu Y, Kitamura R: Sensory and motor responses of trigeminal and reticular neurons during ingestive behavior in rats **76** 386 (1989)
Yamamoto T, Samejima A, Oka H: The mode of synaptic activation of pyramidal neurons in the cat primary somatosensory cortex: an intracellular HRP study **80** 12 (1990)
Yamane S, Kaji S, Kawano K: What facial features activate face neurons in the inferotempoeral cortex of the monkey? **73** 209 (1988)
Yamano M, Hillyard CJ, Girgis S, Emson PC, MacIntyre I, Tohyama M: Projection of neurotensin-like immunoreactive neurons from the lateral parabrachial area to the central amygdaloid nucleus of the rat with reference to the coexistence with calcitonin gene-related peptide **71** 603 (1988)
Yamashita A → Hayashi M
Yamashita M, Ohmori H: Synaptic responses to mechanical stimulation in calyceal and bouton type vestibular afferents studied in an isolated preparation of semicircular canal ampullae of chicken **80** 475 (1990)
Yamatodani A → Inagaki N
Yamatodani A → Tamura H
Yasuda M → Saito H
Yasui S, Yamada M: H1 horizontal cells of carp retina have different postsynaptic mechanisms to mediate short- versus long-wavelength visual signals **74** 256 (1989)
Yates BJ, Kasper J, Wilson VJ: Effects of muscle and cutaneous hindlimb afferents on L4 neurons whose activity is modulated by neck rotation **77** 48 (1989)
Yingcharoen K, Rinvik E, Storm-Mathisen J, Ottersen OP: GABA, glycine, glutamate, aspartate and taurine in the perihypoglossal nuclei: an immunocytochemical investigation in the cat with particular reference to the issue of amino acid colocalization **78** 345 (1989)
Yinon U, Chen M, Hammer A: Split chiasm developmentally induced in kittens: plasticity of interhemispheric transfer in visual cortex cells **72** 201 (1988)
Yoshida S → Nambu A
Yoshikawa K → Hashimoto I
Young SJ → Ryan LJ
Yu C, Jia M, Litzinger M, Nelson PG: Calcium agonist (BayK 8644) augments voltage-sensitive calcium currents but not synaptic transmission in cultured mouse spinal cord neurons **71** 467 (1988)

Z

Zagon A → Bacon SJ
Zanakis MF → Politis MJ
Zarzecki P → Waldron JNB
Zeigler HP → Bermejo R
Zenatti A → Romaiguère P
Zernicke RF → Wisleder D
Zhang F-Z → Hosoya Y
Zilch O → Lang W
Zimmer J → Tønder N
Zinsmeisser B → Volchan E
Zippel HP → Fischer T
Zlatkova M → Vassilev A